



THE Fisherman

75¢

— THE LONG ISLAND, METROPOLITAN NEW YORK EDITION —

December 12th—18th, 1985
Volume 20, Number 49

2nd Class Postage Paid
Sag Harbor, New York

Seventy-Five Cents
USPS 588-160

ELECTRONICS SPECIAL



ing With
orders



Scopes:
Ultimate
finder



s Boat
tronics



Electronic
Efficiency



Making Loran
Work For You

030272
E HOOKER
53 LOCUST AVE
ISLIP NY 11751





WORLD'S LARGEST GUN & TACKLE DEALER

ALL TACKLE BOXES AT BIG DISCOUNTS!

YES REEL AND TACKLE BOX RIOT!

Great Christmas Gifts at Lowest Prices!

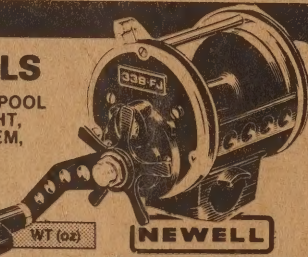
YES! 2,000 DIFFERENT RODS – 500 DIFFERENT REELS ARE ON DISPLAY – ALL DISCOUNTED!

THESE ARE ONLY A FEW SAMPLE BOXES. 1000 BOXES ON DISPLAY!

YES! WE CARRY EVERY TOP BRAND OF FISHING EQUIPMENT
YES! We'll Beat Any Current Advertised or Catalog Price!
Yes Competitors! Keep Advertising So We Can Continue To Beat Your Prices!

CARL NEWELL REELS

FEATURES LIGHT FREE SPINNING SPOOL FOR LONGER CAST, LIGHT WEIGHT, BIGGER, SMOOTHER DRAG SYSTEM, HIGH SPEED RETRIEVE, OVER SIZE POWER HANDLE, UNITIZED STAND AND SUPPORT POSTS.



STYLE	GEAR RATIO	LINE CAP	WT (oz)	NEWELL
P220F	5:1	200 YDS./20 LB.	13.7	Special \$81.99
P220M	4:1	200 YDS./20 LB.	13.7	Special \$79.99
P229F	5:1	290 YDS./20 LB.	14.3	Special \$81.99
P229M	4:1	290 YDS./20 LB.	14.3	Special \$79.99
P235F	5:1	350 YDS./20 LB.	14.7	Special \$81.99
P235M	4:1	350 YDS./20 LB.	14.7	Special \$79.99
P332F	5:1	320 YDS./30 LB.	15.9	Special \$86.99
P338J	5:1	380 YDS./30 LB.	16.9	Special \$89.99
P344J	5:1	440 YDS./30 LB.	17.4	Special \$89.99
P447T	4:1	470 YDS./40 LB.	19.3	Special \$87.99
P454T	4:1	540 YDS./40 LB.	19.8	Special \$87.99

FLAMBEAU #2713 ADVENTURER

18 to 27 Compartments
Three Trays

\$12.99

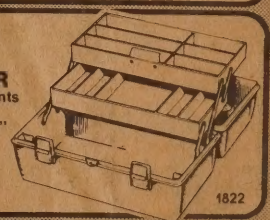


Reg. \$17.99
17 1/2" x 8 1/2" x 7 3/4" with Insulated Man Handler

FLAMBEAU #1822 ADVENTURER

11 Large Compartments
Two Large Trays
17 1/2" x 10 1/2" x 8 3/4"
For Big Game
Reg. \$21.99

\$16.99

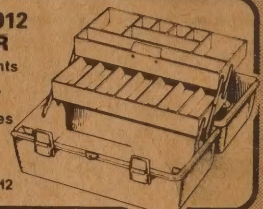


FLAMBEAU #2012 ADVENTURER

15 Large Compartments
Two Large Trays
19" x 10 1/2" x 10 1/4"
For Large Trolling Lures

\$25.99

Reg. \$35.99



FREE! BUMPER STICKERS

SALTWATER LICENSE SURVEY

At Summer's end the Town of Hempstead hosted the conservation Fund Advisory Council. Beginning at 9:00 a.m. they began a tour of the Town Department of Conservation and Waterways. The tour included the laboratory Clam Hatchery, launch facilities, Law Enforcement, docks and Marinas. The Town facilities and conservation related programs were considered outstanding.

In the evening the Council held a forum primarily to gather information on a salt water fishing license. The results were overwhelmingly against such a license.

— Reprinted from Nassau County Fish & Game Assoc., Inc. Newspaper

SALE TODAY 'TIL NEXT TUESDAY! SALE PRICES APPLY WHILE QUANTITIES LAST AND ONLY WITH THIS AD!

Edelman's 75 SHERWOOD AVE. FARMINGDALE, L.I.

JUST OFF RT. 110 at SEAMAN'S FURN., NORTH OF REPUBLIC AIRPORT
OPEN WEEKDAYS 9:30-9:30, SATURDAY 9:30-8 PM, SUNDAY 11 AM-5 PM

VISA AND MASTERCARD ACCEPTED! PHONE: (516) 249-8080

JERSEY ANGLERS
Hours: Daily 10-9

RT. 46 WAYNE, NJ
Phone: (201) 256-2071

Sat. 9-5:30, Sun 11-5 Prices & availability may vary at Wayne

DIRECTIONS

FROM SOUTHERN STATE PKWAY, EXIT 32N
Take Route 110 two blocks north of Republic Airport
Edelman's is behind Seaman's Furniture on the right

FROM LONG ISLAND EXPRESSWAY, EXIT 49S
Take Route 110 south approximately 3 miles
We're behind Seaman's Furniture on the left side

GWB-to 80 West off at Tolawa, Little Falls Exit 46 West 7 miles
LINCOLN TUNNEL RT. 1 West to RT. 46 West 7 miles
VERUZANO BRIDGE-Parkway North exit 153B 46 West 7 miles

THE Fisherman

— THE LONG ISLAND, METROPOLITAN NEW YORK EDITION —

Volume 20, Number 49

December 12th, 1985

FEATURES:

CONQUERING THE WINTER KING	
Part Two— by Matt Ahern	18
GETTING THE MOST FROM YOUR RECORDER	
by Russ Wilson	20
VIDEO SCOPES	
by Pete Barrett	24
THOUGHTS ON MARINE ELECTRONICS	
by Charley Soares	26
BASS BOAT ELECTRONICS	
by Gary Caputi	28
COLD STORAGE FOR ELECTRONICS	
by Capt. Greg Ventura	32
ELECTRONIC EFFICIENCY	
by Eric Burnley	34
LIFE WITH LORAN	
by Tim Coleman	36
SIGHT/SOUND LURE METER	
by Jim White & John Jollie	38
FISHERMAN TIPS	
by Fred Guardineer	40

DEPARTMENTS:

NEW PRODUCTS	4
PRODUCT REVIEW	14
THE TACKLE DOCTOR	16
FISHING REPORTS	41
TIDE & SOLUNAR TABLES	52
THE FISHERMAN'S CLASSIFIED	53

ABOUT THE COVER:

Whether you fish offshore, inshore or freshwater, electronics are sure to play a vital role in your pursuit of gamefish. This week's Electronics Special should be of special interest to all who ply their sport from the smallest bass boat to the most sophisticated canyon runner.

Publisher: Richard Reina

Assistant to the Publisher: William A. Muller

Editor: Fred Golofaro

Associate Editor: Al Ristori

Contributing Editors: Pete Barrett,
Russ Wilson, Tim Coleman

Advertising Manager: Stu Miller

National Adv. Director: Gary Caputi

Director of Design: Richard S. Reina

Assist. Art Director: Carolyn Brewer

Production Manager: John Ciccariello

Production Staff: Donna Miraglia,
Barbara Hill, Patricia Manning

Staff Photographer: Dick Mermon

The LONG ISLAND FISHERMAN is published weekly, except for two weeks in December by the L.I.F. Publishing Corporation, L.I.F. Building, Bridge Street, P.O. Box 1994, Sag Harbor, N.Y. 11963. Telephone: 516-725-4200. Second Class Postage paid at Sag Harbor, New York. \$7.50 per copy, back issues \$1. Subscriptions: 50 Issues, \$17.50; 100 Issues, \$33. Photographs and written contributions are welcomed. Unsolicited contributions become the property of The Long Island Fisherman. All contributions to be returned must be accompanied by a self-addressed stamped envelope. All consideration will be given to these requests, however, no responsibility on our part is assumed. Notice of change of address must include both new and old addresses and sent to the Main Office. Allow two to four weeks for change. USPS 588-160.

Post Office Box 1994, Bridge Street, Sag Harbor, New York 11963

3 Out Of 4 I.G.F.A. World Records Set In 1984 Were Caught On Extra Strong Trilene!

In fact, Trilene fishermen have claimed over 700 new I.G.F.A. World Records. And thousands continue to respool with extra strong Trilene in the hopes of cashing in on Berkley's \$1000 Reward for new I.G.F.A. World Records caught on Trilene. That \$1000 Reward continues thru December 31, 1985, which means your next cast might be worth \$1000... if you have Berkley Trilene on your reel!



**EXTRA
STRONG**

Berkley®

Trilene Drive, Spirit Lake, Iowa 51360

Johnson

— A GREAT TEAM —
GRADY-WHITE & JOHNSON



Time To Invest In A Grady-White! We Take The Time To:

1. Show You The Boat You're Interested In . . .

2. Explain the Boat In All Its Details & the Grady-White Philosophy That Puts the Angler & Boater First . . .

3. Take the Mystery Out of Boat Ownership, Should You Be A First Time Boater . . .



Why???

BECAUSE WE CARE!!!



EDDIE'S MARINE

210 Beach 2nd St., Lawrence • 718-327-3168
"On Reynold's Channel, Lawrence—
At the foot of the Atlantic Beach Bridge

MEDFORD ARCHERY



- Largest Archery Inventory in L.I./N.Y.C. Area
- Over 200 Bows on Display
- All Arrows Sizes from #1416 to #2219
- Auth. Dealer for Oneida Eagle - P.S.E. - Hoyt - Jennings - Ben Pearson - Proline
- Large Pro Shop • Custom Arrows

**We Have The Largest, Most Modern Range On The East Coast (44 Lanes)
Air Conditioned & Heated**

- Unlimited Free Lessons with Purchase of Any Bow
- Visa - Mastercard - Layaway Plans
- Hunter Safety Courses Given - Gun & Bow
- Qualified Instructors Present at All Times
- Lifetime Guarantee on Every Bow
- We Sell (Labor Only) after Mgr's Guarantee Expires
- Refreshments

—HOURS—

Mon. - Fri. 12 Noon to 11 P.M.
Sat. & Sun. 10 A.M. to 5 P.M.

—UNLIMITED SHOOTING TIME—

Range Fee \$4 (member) \$5 (non-member)
Yearly Range Membership Fee \$5.

**FREE 1 YR. MEMBERSHIP
WITH THIS AD**

Located 7/10 Mile S. of L.I. Expwy.
2215 Rt. 112 Medford, N.Y.

(516) 289-5554

NEW PRODUCTS

LATEST ADVANCES ADDED TO C-MASTER X

The C-Master X Loran C navigation system, manufactured by Mieco in Cockeysville, Maryland, is now available with fully back-lit front panels and additional program changes.

Production units incorporating these latest changes were available as of May 1, 1985. In so doing, the C-Master X has joined its sister product, the C-Master V, in offering fully back-lit panels and several program changes including waypoint sequencing, or routing.

These changes are but the latest in 23 years of technological evolution from the days of the Loran A system. Today, both the C-Master V and C-Master X are fully automatic, full-function receivers, designed to meet the minimum performance standards of the Radio Technical Commission for Marine Service.

CYBERNET CTX-2090 HANDHELD VHF-FM RADIOTELEPHONE

Cybernet's new CTX-2090 is the ultimate handheld radiotelephone—with more features, more scanning modes than any other unit. It covers all 89 U.S. and International VHF-FM marine channels, including nine weather channels. It has a memory capacity of 40 channels in four groups of ten, so you can program any combination of your most used frequencies. It has six scanning modes: all scan, weather channel scan, and four memory group scans. You can even select any channel as priority channel in dual watch and the CTX-2090 has electronic up-down pushbutton tuning. A very useful plus is the big LCD readout, with nearly 1/2" high channel numbers for easy reading. Channel lock-out feature prevents accidental operation of the keyboard when not desired.

The slim CTX-2090 has three exclusive extras guaranteed to please. First, it's by far the easiest full function unit to operate and to program; each function has its own pushbutton. Other full function units have fiendishly complicated two or three button sequences you need a manual to figure out. Second, the CTX-2090 has a full 2-year warranty on both parts and labor! The others are only warranted for a year. Finally, apart from the obvious quality advantage, the CTX-2090 is surprisingly low priced!

Like all Cybernet marine electronics, the CTX-2090 is fully o-ring sealed—case, switches and knobs, for long service life at sea. The speaker cone is made of waterproof polypropylene for splash proof service.

Standard accessories include rubber duck antenna, belt clip, carrying

strap, leatherette case, earphone and plug-in wall charger. Three watts output standard, with an optional five watt battery pack. Other options include wall or desk drop-in chargers, hands-free headset with microphone, cigarette lighter 12 volt adapter, waterproof 'overboard' case and extra battery packs.

See your authorized Cybernet marine electronics dealer or contact Cybernet Marine Products, Kyocera International Inc., 7 Powder Horn Drive, Warren, NJ 07060; (201) 560-0060.

LOWRANCE "SUPER" LIQUID CRYSTAL GRAPH UNIT X-5

Technically, it's the world's most sophisticated sport fishing sonar unit, yet the easiest to operate.

Naturally, it's the brainchild of Lowrance Electronics, Inc., the company that pioneered sonar in sport fishing 28 years ago, and has been the perennial leader ever since.

Surprisingly, the X-5 is being added to the company's fine line of sonar units right on the heels of the X-3, previously the finest Liquid Crystal Graph (LCG) unit available, holding the present limelight in the ever-advancing and highly prominent liquid crystal display (LCD) field.

Amazingly, like Lowrance's famous straight line paper recorders, the new unit has a patented Grayline feature which separates trees and brush, rocks, fish and other objects from bottom contours and other structure.

And, unbelievably, it has 3000 watts of power, much more than even the most expensive computerized straight line recorder graphs.

The secret to Lowrance's newest unit is a high density, fine-dot screen. It offers an amazing 2124 pixels (dots) of information per square inch (compared to 470 on the X-3 and only 324 on leading competitive models).

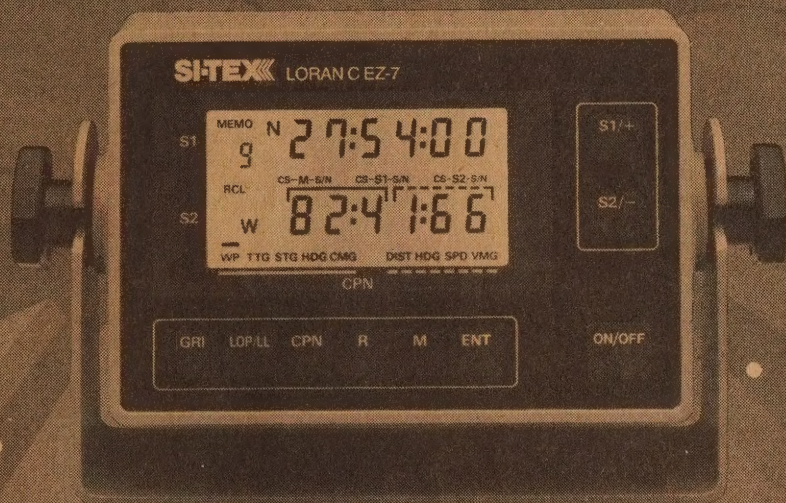
Darrell Lowrance, president of the Tulsa, OK firm, which introduced the first computerized sonar units five years ago, and followed with the first computer graph (famous X-15) said the X-5 will be available in early 1986.

"Our advanced technology, coupled with a dedication to the highest quality standards in the industry, has made it possible for us to introduce the X-5 just a short time after perfecting the X-3," Lowrance said.

The new unit, he added, will have all the other features that the X-3 boasts, and will retail for "about \$400."

"The X-3 will remain at less than \$300," he said.

Like the X-3, the new unit offers thousands of depth ranges, in one foot increments; a complete digital system, providing precise bottom readings at all times; zoom bottom



STEER STRAIGHT FOR THE FISH AT A BOTTOM-HUGGING PRICE.

The new SI-TEX EZ-7 is the most affordable Loran C receiver a fisherman can buy. And it's the simplest to operate.

But those are just two good reasons to buy it. The EZ-7 guides you back to favorite fishing spots by the most direct course. And then guides you directly back to the dock, slip, ramp or inlet channel when the day's fishing is over. Which lets you spend more time fishing and less time getting there and back. Plus, the money you save on fuel will pay for your EZ-7 before you know it.

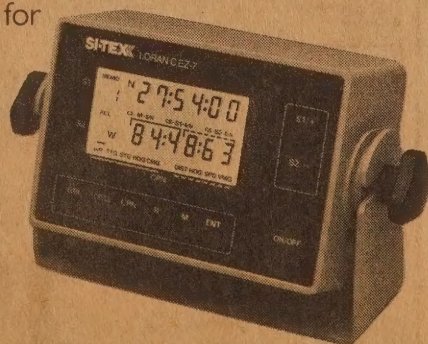
The EZ-7 gives you precise digital read-outs of your position in time differences (TD's) or Lat/Lon coordinates. Instant memory not only stores and recalls position for fishing spots and return, but also for safely

navigating shallow waters, channels and bends in rivers.

Built-in ComPuNav course computer provides three selectable steering displays simultaneously. Including cross track error. Time, distance and bearing to go. Boat's heading. Course and speed made good.

And with its ultra-compact design, the EZ-7 takes up hardly any space on your boat.

The new EZ-7. It's truly the fisherman's Loran. Write for brochure. SI-TEX, P.O. Box 6700, Clearwater, FL 33518.



**SPECIAL INTRODUCTORY
PRICE \$777**

SI-TEX
...Leading the way



Over 36 years
of service
to the
sports fisherman

Aeros Tackle Co., Inc.
Carteret, N.J. 07008

Use **J.T.**

Imported from West Germany

**SUPER SOFT
HANDY
TOURNAMENT**

**Pink • Clear • Green
MONO LINE**

Codfish,
Ling,
Whiting,
&
Flounder
Rigs



"For River, Bay or Sea, Use J.T."

Mustad Snelled Hooks

Rigs • Jigs • Swivels • Sinkers
Crab Traps • Nets

tracking, keeping bottom readings within a window area of 10 feet or more; super high chart speed for navigational safety; a bar graph called FasTrak, which converts bottom, fish, tree and other signals to short, straight horizontal lines; two alarm systems (one for fish, one for signaling precise shallow or deep measurements) and is equipped with a back-lighted display and keyboard for easy night reading.

Certainly, it's waterproof, small and compact (six by six by two inches), durable and dependable.

Need more information? Contact Department M, Lowrance Electronics, Inc., 12000 East Skelly Drive, Tulsa, OK 74128.

5000M VHF/FM RADIO FROM RAY JEFF

Ray Jefferson's Model 5000M is the result of the latest in Computer and Aerospace technology to produce a smaller, more powerful and reliable VHF/FM radio. The 5000M has been redesigned into a more compact, easier to use VHF/FM radio while still retaining all of the features and popular price that are a Ray Jefferson trademark. Just a mere 2½"H x 7"W x 8"D, it's smaller than the average printed page and one of the smallest radios available with a front panel speaker. This means you get clear, unmuffled reception. Its small size makes it practical to be used aboard small boats where space is important. Yet, it's powerful enough for the largest yachts.

The improved unit has 59 receive channels, including nine weather channels and 49 synthesized transmit channels, providing full coverage for all available United States marine frequencies.

The Model 5000M is perhaps the easiest and most popular of any synthesized VHF/FM to operate. Channel selection is through a convenient rotary switch with the channel number displayed in both LED digits that are easy to read in any light condition. A pushbutton provides instant access to emergency channel 16, and another pushbutton shifts the unit between its 25 watt high power output and a 1 watt short range low power output. The only other controls are the On-Off-Volume and Squelch. Separate indicator lights glow when the unit is switched to channel 16 and when the unit is transmitting.

Like more costly marine radios, Ray Jeff's Model 5000M uses a newly designed, miniaturized switching synthesized circuit for all channel phase-locked loop circuit operation on all frequencies, transmit and receive.

Included as standard features on the Model 5000M are a press-to-talk microphone with detachable coil cord; front panel mounted speaker for distortion free reception; gimbal mounting bracket that attaches the unit to any flat surface, even overhead and a fused power cord.

The Ray Jefferson Model 5000M

VHF/FM radio can be self-installed provided the internal pre-tuning is not disturbed. It operates from the boat's 12V DC power supply.

Suggested manufacturer's list price is \$399.95.

Ray Jefferson is a division of Jetronic Industries, Inc., a diversified manufacturer listed on the American Stock Exchange. For further information, contact Ray Jefferson, Main & Cotton Streets, Philadelphia, PA 19127, (215) 487-2800.

SMR'S NEW FLASHER TYPE DEPTHSOUNDER FEATURES THREE RANGES

The Striker Mark II depthsounder/fishfinder, new from SMR Marine Electronics, Miami, FL, operates at ranges of 0-30', 0-60' and 0-300'.

A rugged, corrosion proof cabinet provides long-lasting durability. Other features include a built-in sun shade and light-trap, glare proof dials and a heavy duty high speed motor. The Mark II's 80 watts (RMS) of output power ensures clear and accurate readings in all depth ranges.

The Striker Mark II is available immediately. Manufacturer's suggested retail price is \$139. For more information, contact SMR, 1401 NW 89th Court, Miami, FL 33172.

FURUNO INTRODUCES NEW DIGITIZED SMALL BOAT RADAR

The new Furuno Model 1700 is the most technically advanced small boat radar on the market today, combining a fully digitized non-fading display with Furuno's pioneering microwave IC circuitry that significantly improves operating reliability and receiver sensitivity.

The result is unequaled performance in this class of compact radar. The multilevel quantization circuits recognize 4 distinct signal return levels—not just one—which eliminates the "broken up" picture often experienced with simpler, less advanced systems. The 9" diagonal CRT and bright green phosphor provide crisp daylight viewing of radar targets throughout the 1/4 to 16 mile range, as well as on-screen readout of all system operational data.

The Model 1700 is also exceptionally compact and light weight, making it the ideal radar for small power vessels and sailing yachts. The display, at just 10"H x 12.2"W x 10.4"D including mounting bracket, will fit any installation requirement. The majority of controls are sealed membrane keypads for extra long life. The sleek, low windage radome is only 24" in diameter by 13.6" high and weighs only 24½ lbs. so that it's almost unnoticeable up the mast.

Performance features are all you'd expect from Furuno. Built-in electronic bearing line (EBL), electronic variable range marker (EVRM), interference rejection circuitry, sea and rain clutter controls, and automatic selection of pulse length/pulse repetition rate to optimize picture quality on any range are all standard features. Operation is

1986 GRADY WHITE



ALL MODELS ON
DISPLAY!
• OPEN 7 DAYS •

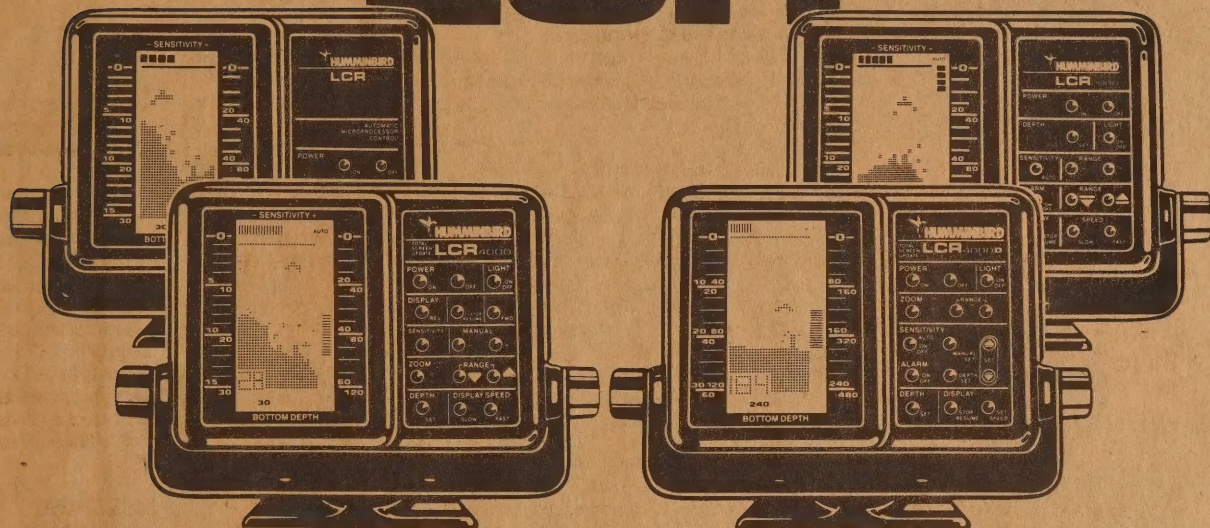
**MERCURY
OUTBOARDS**

Jericho boats

269 E. MONTAUK HIGHWAY,
LINDENHURST, N.Y.

(516) 957-6414 • (516) 957-6413

LCR[®]



THERE'S NEVER BEEN A BETTER TIME TO BUY!

LCR. It's hot! No other unit in history sold more than Humminbird's LCR in its first year of production. It's, quite simply, the most sought-after depth sounder on the market. And, even though Humminbird worked around the clock to meet the phenomenal, unprecedented demand, many fishermen still had to take a raincheck.

If you're one of these anxious fishermen, the time has arrived! Humminbird is now making more units than ever before, and they're now on their way to sporting, outdoor, and retail stores all across the country. So, now's your chance! **There's never been a better time to buy an LCR than right now . . . before the spring rush!** But, you'd better hurry! Or, you just might keep telling the tale about the one that got away!

Humminbird is the only company in the industry that offers its customers a full line of LCD products. And, with four models, you'll find a unit to fit any need and any budget. Choose the updated LCR 4000. New, advanced features like bottom-lock with contour indication, a digital read-out right on the screen, an increased memory capacity for three full screens of reverse, plus Total Screen Update,[™] zoom, and a depth range to 120 feet make this the ideal model for serious-minded fishermen everywhere. The new

LCR 4000D Deep Water, with a depth range to 480 feet, gives the kind of superior deep-water readings that ocean-going and Great Lakes fishermen demand. Plus, its wide-angle transducer provides excellent downrigger viewing. The LCR 2000 features an adjustable audible alarm that makes this unit a favorite with both pleasure boaters and fishermen. Total automation, for the freedom of hands-off operation makes the LCR 1000 the choice of boaters and anglers who enjoy real simplicity. And, by popular demand, Humminbird now introduces the LCR Portable!

The originals. The depth sounders that bridge the gap between flashers and charts. The new generation that revolutionized the fishing tackle industry. **Humminbird LCRs!** Get one now — just in time for Christmas! Then, this spring, you'll be sure you'll be fishing . . . instead of wishing!



HUMMINBIRD[®]

ONE HUMMINBIRD LANE
EUFAULA, ALABAMA 36027
205-687-6613

BY TECHSONIC[®]

**LCR. BRIDGES THE GAP
BETWEEN FLASHERS AND CHARTS.**

GET SERIOUS



If you're into serious sportfishing, Grady-White and Johnson offer the combination you're looking for.

The Grady White line features fishing boats from 19 to 25 feet, offering the kind of fishing appointments that will enhance your day on the water.

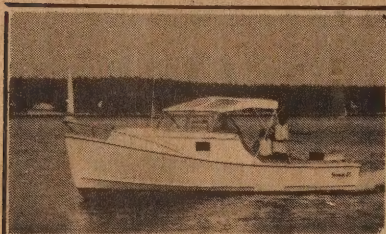
Johnson outboards make sure you get out there and back -- quickly, economically and reliably.

See them at:

**PORT
OF
EGYPT**

MAIN ROAD, SOUTHDOLD 765-2445

**Johnson
OUTBOARDS**

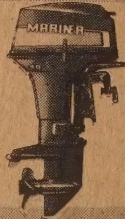


Shown 23' Cutty

**Seaway
Boats INC.**

17' - 26' CENTER CONSOLES, CUDDYS & FULL CABINS

- Self Bailing Cockpits
- S/S Steering Wheels
- Big Fishable Cockpits
- Foam Floatation
- Full Year Warranty
- Loaded with Fishing Features



**MARINER
OUTBOARDS**

2-200 H.P.
Better in the Long Run!

AERO MARINE

Island Parkway, W. Island Park
(516) 431-5061

from either 12 or 24 VDC systems, and power drain is a miserly 45 W.

The Model 1700 is quite simply another fine radar from Furuno, winner of more National Marine Electronic Association awards for radar performance and reliability than all other radar manufacturers combined. See the Model 1700 at any of the more than 200 authorized Furuno dealer outlets or write for free full-color literature. For more information, contact: Furuno USA, Inc., Box 2343, 271 Harbor Way, So. San Francisco, CA 94080; (415) 873-9393.

VIGIL RM RADAR SYSTEMS

The Marine Systems Division of Mars Electronics in Folcroft, Pa., a subsidiary of M&M Mars, Inc., today announced its entry into the U.S. marine electronics field with the introduction of Vigil RM Radar systems, a state-of-the-art, microprocessor-controlled radar system for power and sail boats 20 feet or longer.

The Vigil RM Radar system brings state-of-the-art technology to small boat radar. Its heart is a microcircuit which offers microcomputing techniques for the processing and storing of signals. The system offers operators all the flexibility, ruggedness and reliability expected of a microcomputer.

From the design standpoint, Vigil RM Radar offers modular construction with a 9 inch monochrome, high resolution, raster-scan monitor and a central electronics module (CEM) which can be installed separately for better use of space.

A user-friendly, remote control infrared keyboard features touch button control and a variety of built-in "big ship" features, including an Electronic Bearing Marker, Variable Range Markers, heading marker, range rings and controls to adjust for rain and sea clutter. The keyboard also has seven different range selections (1/4 to 16 miles) and controls for tracking targets, adjusting and holding images. All instructions from the keyboard appear in graphic form on the monitor which provides a raster-scan resolution, television-type image ideal for direct viewing in daylight.

Three levels of video intensity are used to compose the display, while four brilliance levels can be adjusted for day or night viewing. The Vigil RM Radar system also has a standby control which can reduce the power consumption from five amps to two amps while holding the circuits in readiness for fast warmup. While at sea or at anchor, a Guard Zone will provide an extra watchman: an audible alarm will sound if any target enters the Guard Zone.

The lightweight scanner's special enclosure is ideal for sailboat installation at spreader height as well as simple placement in effective locations on powerboats. The scanner weighs just 24 pounds.

The Vigil RM Radar system will appeal to boating enthusiasts because

of its easy, do-it-yourself installation. The system is marketed in the U.S. by a network of dealers who are expert on unit operations, placement, optional equipment and services. For further information on the Vigil RM Radar system, please call 1-800-33-VIGIL.

HUMMINBIRD INTRODUCES THE NEW LCR PORTABLE

Now, by popular demand, Humminbird introduces the new LCR Portable—a complete, self-contained unit with a compact size that makes it easy to carry and use the LCR anywhere, even hard-to-reach areas!

Perfect for use in boats without marine batteries, for ice fishing or on rented boats, the LCR Portable has a high impact plastic case that holds up under the roughest outdoor conditions. The Humminbird LCR Portable is available with the consumer's choice of LCR 4000, LCR 2000, or LCR 1000, or may be purchased separately to convert any LCR unit into a portable LCR. The rugged, non-chipping, water-tight Portable is simple to set up: the case simply opens out for operation, and adjusts to a variety of positions for easy viewing.

The LCR Portable includes a 2' power cable and operates on two 6-volt batteries (not included). Also included is a specially designed 2" transducer with a 15' cable which stores in the case when not in use.

Now every fisherman can own an LCR, even if he doesn't own a boat!

For more information, contact Techsonic Industries, Inc., One Humminbird Lane, Eufaula, AL 36027.

LORAD NIGHT HAWK LF-4360 DEPTH SOUNDER

Lear Operations Research & Development Corporation (LORAD), a new high tech marine electronics manufacturing company headquartered in Miami, Florida, has announced the introduction of the Night Hawk LF-4360 depth sounder.

The Night Hawk is a flasher type depth sounder with four ranges, from 0-30 feet, 0-60 feet, or 0-30 fathoms and 0-60 fathoms. With the brightest neon bulb available on the market today, the Night Hawk is excellent for day or night use in locating fish or bottom in shallow or deep water. It also acts as a variable fish and depth alarm.

The Night Hawk is housed in an attractive black water-sealed housing with shaded cover and glare-proof dial. Additional notable features include a waterproof speaker, either a thru-hull or transom mount transducer with a frequency of 200 kHz with 33 feet of cable and a variable mounting bracket. It weighs 1 lb. 9 oz. and is only 5-1/8" high by 6-13/16" wide by 3-1/8" deep.

The new Night Hawk with all its features is simple to operate and is priced for all boaters.

For more information contact: LORAD, 7300 N.W. 35th Terrace, Miami, FL 33122; (305) 594-5885.

PICTURE THIS.

Introducing the Lowrance X-3 LCG Computer Sonar.
The world's most advanced liquid crystal graph.

Beneath the housing of the new X-3, you'll find the same advanced sonar technology that drives Lowrance paper graph recorders—the finest in the world. The difference lies in our revolutionary liquid crystal display. The X-3 display screen produces a pictorial graph image with amazing sharpness and clarity. As accurate an image as many boat owners will ever need, without the bother of paper graphs.

And with its sophisticated micro-computer, the X-3 offers you total hands-off automatic control of depth, upper and lower ranges, range and depth display, sensitivity

adjustment and much more. Or the membrane digital keyboard allows you to choose practically any adjustment or specialized function for complete manual operation.

The X-3's 600 watts of power and depth range of up to 999 feet (also reads in fathoms and meters) make it ideal for deep-water boating. It's totally waterproof and filled with dry nitrogen, like a fine rifle scope. Like all Lowrance products, you can count on reliability backed with our 1-year FULL warranty. For more information on the liquid crystal graph you've been waiting for, mail in the coupon today.

The new X-3 LCG Computer Sonar from Lowrance. The world leader in sportfishing sonar technology.

I want to know more about the Lowrance X-3.

Name _____

Address _____

City _____

State/Province _____

Mail to: Lowrance Electronics, Inc.
12000 East Skelly Drive
Tulsa, Oklahoma 74128 U.S.A.

DEPT. _____

LOWRANCE

UPPER LIMIT SETTING

FISH

BOTTOM

DEPTH

LOWER
LIMIT
SETTING



Made in
AMERICA

LOWRANCE
X-3
MADE IN U.S.A.

TWO FAMOUS NAMES IN
FAMILY FISHING BOATS

GRADY-WHITE
AND
SPELLMAN'S



**FULL LINE OF GRADY-WHITE
BOATS FROM 19'-25'**

Johnson
OUTBOARDS

JOHNSON OUTBOARDS TO
POWER ANY SIZE GRADY-WHITE

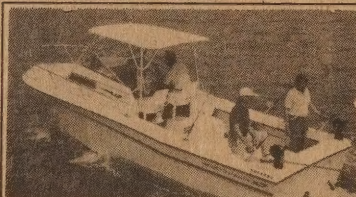
FINANCING AVAILABLE

**SPELLMAN'S
MARINE**

• SALES •
1708 North Hwy.,
Southampton, N.Y.
516-283-7907

• SERVICE •
23 Rampasture Rd.,
(On Smith Creek)
Hampton Bays, N.Y.
516-728-1341

SUMMER DOCKAGE • WINTER STORAGE



SAVE NOW!

GW
Grady White
241 W/260
OMC COBRA
Offshore

Complete with:

- Hard-Top with Full Canvas
- Chain Pipe Deck Fitting
- Combo Live Well & Washdown

\$329
Per Month

OMC Cobra

**SHELTER COVE
MARINA**

(1 mile from Throgs Neck Bridge)
610 CLARENCE AVE., BRONX, N.Y. 10465
(212) 822-3054

NEW YORK SURF FISHING CONTEST STANDINGS

(Period Ending: October 31, 1985)
sponsored by The Fisherman

CLUB STANDINGS —

CLUB	BASS	BLUE	WEAK	TOTAL
1. Gateway Striper Club	435	709	204	1348
2. Patchogue Fishing Club	413	520	177	1110
3. Farragut Striper Club	271	502	217	990
4. Mid Island Surfcasters	219	563	87	869
5. High Hill Striper Club	173	375	183	731
6. Great South Bay Anglers	286	284	143	713
7. East End Surf Club	110	322	176	608
8. Striper Surf Club	210	174	60	444
9. Empire Striper Club	43	0	16	59

HEAVIEST STRIPED BASS — Individual Standings

ANGLER	WEIGHT	CLUB
1. R. Brown	48 pounds, 10 ounces	FSC
2. F. Golofaro	46 pounds, 8 ounces	GSBA
3. T. Forbes	44 pounds, 0 ounces	PFC

HEAVIEST BLUEFISH — Individual Standings

ANGLER	WEIGHT	CLUB
1. D. Palmer	21 pounds, 0 ounces	MIS
2. P. Ripi	20 pounds, 0 ounces	FSC
3. F. Pasantino	19 pounds, 12 ounces	FSC

HEAVIEST WEAKFISH — Individual Standings

ANGLER	WEIGHT	CLUB
1. R. Mele	16 pounds, 8 ounces	EMS
2. T. Booker	15 pounds, 8 ounces	GSC
3. R. Rosenberger	13 pounds, 12 ounces	EES

MOST POINTS OVERALL — Individual Top 20

ANGLER	CLUB	BASS	BLUE	WEAK	TOTAL
1. O. VanHelmond	PFC	189	313	94	596
2. J. McKay	GSC	240	190	18	448
3. J. Fritz	FSC	70	151	82	303
4. F. Golofaro	GSBA	122	81	67	270
5. P. Ciliento	PFC	86	145	0	231
6. J. Augeri	GSC	58	93	78	229
7. D. Palmer	MIS	0	208	6	214
8. W. Smith	HHS	67	83	51	201
9. T. Booker	GSC	28	87	81	196
10. D. Meola	EES	10	89	69	168
11. K. Kassan	FSC	115	19	29	163
12. T. Farrell	GSC	57	90	7	154
13. W. Miller	MIS	99	33	18	150
14. C. Sztorc	SSC	41	67	37	145
15. R. Buss	MIS	0	141	0	141
16. R. Hummell	HHS	55	67	17	139
17. T. Watters	MIS	37	83	5	125
18. S. Pantaleone	FSC	12	69	43	124
19. F. Schwab	HHS	23	0	97	120
20. H. Jackson	EES	0	114	0	114

RELEASED FISH POINTS — Top 3 Clubs

1. Gateway Striper Club	2651 points
2. Mid Island Surfcasters	2626 points
3. High Hill Striper Club	1886 points

WOMEN'S DIVISION — Heaviest of Species

J. Tyrer	EES	Bluefish	13 pounds, 0 ounces
S. Brooks	EES	Weakfish	5 pounds, 8 ounces

CHILDREN'S DIVISION — Heaviest of Species

G. Cooke III	MIS	Striped Bass	12 pounds, 0 ounces
G. Cooke III	MIS	Bluefish	15 pounds, 5 ounces
G. Cooke III	MIS	Weakfish	9 pounds, 8 ounces

OUT OF STATE STRIPED BASS — Top 3 Clubs

1. Striper Surf Club	451 points
2. Patchogue Fishing Club	428 points
3. Gateway Striper Club	69 points



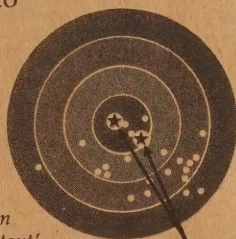
An AGGRESSIVE Loran? Hell, you can't be timid out there

Northstar beats other Lorans hands down

Aggressive electronics? Put your hands on a Northstar, you can almost feel it *GRAB* those Loran-C signals, *GROWL* as it holds onto them, and crunch out the numbers to give exact position.

Dynamic Range makes it possible. Northstar receivers have a dynamic range of more than a trillion to one (*others can't come close*). It's signal acquisition is very aggressive, capable of picking up signals where other Lorans can't.

High speed calculations. Other Lorans take from 1/2 to 2 minutes to calculate, Northstar calculates in **REAL TIME**, real fast (*that explains why close to 9 out of 10 race winners who use a Loran have a Northstar*).



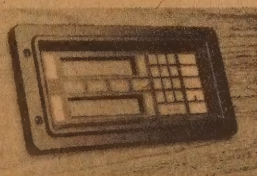
In a Loran 'shootout' with 12 other makes only Northstar hit the bullseye 2 out of 2 times.

Spectrum-Tuned receiver eliminates interference. Only Northstar has it. A spectrum-tuned receiver that eliminates any off-vessel interference. Northstars also have a comprehensive interface capability with ALL types of electronic instruments used on board.

Aggressive and tough. Northstars ARE tough, the 800X is the **ONLY** Loran with completely waterproof control heads (*it can also run 2 control heads in parallel*). All Northstars have a 3-year limited warranty (F.O.B. Acton, Massachusetts), best in the industry.

Loran-C shoot out proves it.

In an independent test of 13 Lorans, Northstar was the only Loran to hit the bullseye 2 out of 2 times. No surprise though. Northstars are built on the premise that when you need good navigation, close doesn't count.



NORTHSTAR 800X
with waterproof control head



NORTHSTAR 800

Northstar Consumer Information

For complete information on DMEC products by mail, call any time toll free 1-800-325-DMEC & give our operator your name & address. In Massachusetts, or for technical help, call (617) 897-6600.

NORTHSTAR: Buy the Best First, not last.



**DIGITAL
MARINE**

ELECTRONICS CORPORATION
30 Sudbury Rd., Acton, Ma 01720 (617) 897-6600

*This Holiday Season —
Discover the Joy of Giving
with a Selection from*

The Fisherman's Library

Discounts
Apply to Books
in this
Advertisement
Only



**A SPECIAL COLLECTION OF ANGLING BOOKS AVAILABLE
TO YOU AT DISCOUNT PRICES!**

BAITS, RIGS AND TACKLE

*New Expanded Edition
by Vic Dunaway*

From ultra-light to big game, the author covers every aspect of tackle, rigging, lines, leaders, hooks, knots, baits, lures and accessories with a meticulous attention to detail which only years of experience can provide. This valuable handbook contains as much information for the expert as it does for the novice. Wickstrom, 224 pages. \$5.95.

STRIPED BASS FISHING

*by Frank Woolner and
Henry Lyman*

Both Frank Woolner and Henry Lyman are recognized as two of the foremost authorities on the striper, one of our most challenging and sought after gamefish. Striped Bass Fishing is a completely revised and updated edition of their original work, The Complete Book of Striped Bass Fishing. This new work is being hailed as the bible of the sport as it details every aspect of the striper game. Whether you seek this great fish from beach, boat or jetty, Striped Bass Fishing is an indispensable book. New Century, 192 pages. \$18.95

McCLANES GUIDE TO SALT WATER FISHES OF NORTH AMERICA

by A.J. McClane

The only guide you will ever need for all salt water species found within North America. It is complete, up-to-date and informative, and covers the anatomy and methods of identification of all our marine fish. Suitable for use in the field with its durable Kivar-3 laminated cover, the book contains over 300 detailed color portraits as well as a glossary of terms and diagrams. Holt, Rinehart and Winston, 283 pages (soft cover) \$10.95.

THE UNDISCOVERED ZANE GREY FISHING STORIES

by George Reiger

A collection of some of Zane Grey's finest works appearing in book form for the first time. Included is the most heralded novel, The Fisherman, along with seven shorter works, five of which focus on some part of the sea or saltwater fishing. Reiger's preface is full of fascinating facts and insights concerning Zane Grey. The book is destined to become an outdoor classic. Winchester Press, 176 pages. \$16.95

HOOK, LINE AND SINKER

by Gary Soucie

An essential handbook for the beginner and expert alike, covering every aspect of terminal tackle. The author shares his expertise in this often overlooked but critical phase of our sport with detailed explanations on the proper use of hooks, sinkers, snaps, swivels, floats, lines, leaders, lures and knots. Also included are chapters dealing with the latest advances in technology and fish behavior. Hook, Line and Sinker is the ultimate guide to selecting, buying, using and maintaining terminal tackle. Holt, Rinehart and Winston, 418 pages. \$22.50

PRACTICAL FISHING KNOTS

by Lefty Kreh & Mark Sosin

This is by far the most thorough guide to knots, lines and splices for fresh and salt water angling, including fly fishing, spinning, baitcasting, wire line trolling and big game. This most vital subject is dealt with to such a degree of completeness that no angler's library should be without this book. All of the necessary knots are demonstrated in detail with step-by-step photos and instruction. Crown, 160 pages. (soft cover) \$8.95

HOW TO CATCH CRABS BY THE BUSHEL

by Jim Capossela

Here is the first sport crabbing manual of its kind. This unique 64 page booklet tells all — how, when and where to catch blue claws along the Atlantic Coast, plus a great 16 page anthology of crab meat recipes. More than 40 illustrations in all. Northeast Sportsman's Press, 64 pages (soft cover) \$3.95

THE FISHERMAN'S BOATING BOOK

by Bob Stearns

The author has drawn from more than 40 years of personal experience in fishing from boats to produce this long over due book. Every aspect of boating is explored from the fisherman's point of view. Detailed illustrations make this an indispensable guide for the boating angler. A handbook that will save you money and help steer you away from boating's pitfalls. Winchester Press, 160 pages. \$10.95

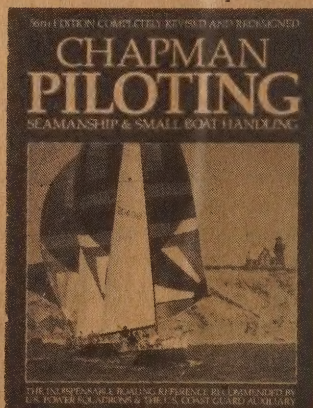
THE EVEN-TEMPERED ANGLER

by Lous D. Rubin, Jr.

Delightfully witty and extremely amusing, "The Even-Tempered Angler" is really a treatise on the temperament of fishermen. A hilarious look at the strange and terrible passions that govern those who play this game of fishing. Refreshing light reading in season or out. Winchester Press, 85 pages. \$12.95

PILOTING, SEAMANSHIP & SMALL BOAT HANDLING

by Charles F. Chapman



An indispensable boating reference recommended by U.S. Power Squadrons and the U.S. Coast Guard auxiliary for use in their boating classes. This latest (55th) edition of the "boatman's bible" contains updated chapters on the new Rules Of The Road, boating laws and regulations, electronics and advanced piloting techniques. It has long been established as the most authoritative and comprehensive work in the boating field and is the standard text for anyone studying towards their Motorboat Operators License. Hearst Books, 640 pages. \$23.95

BOTTOM FISHING

by Frank Woolner and
Henry Lyman

Frank Woolner, longtime editor of Salt Water Sportsman, and Henry Lyman, its founding publisher, have teamed to produce this very useful guide. Any sinker bouncer worth his salt is sure to improve his game after digesting the contents of this practical, well illustrated book. Topics covered include tackle, favorite bottom species and how to catch them, baits and rigging, terminal tackle, jigs and jigging and basic accessories. Winchester Press. 118 pages. \$7.95.

FIBERGLASS ROD MAKING

by Dale P. Clemens

The author took all of the guesswork out of rod building with the publication of this well organized and heavily illustrated text. It contains all you need to know about the selection and quality of components along with how to plan and assemble your own custom rod. Hundreds of step-by-step photographs help explain every conceivable aspect of building fiberglass rods, from the smallest ultra-light to the heaviest big game outfit. Stoege, 189 pages. \$17.95

McCLANE'S NEW STANDARD FISHING ENCYCLOPEDIA

by A.J. McClane

If there is any one book that can answer to the title of being the most comprehensive and authoritative ever written on the subject of salt and fresh water angling, then this is it! Frequently described as the ultimate one-volume fishing reference library, this truly international angling guide is crammed with an incredible amount of data. And in true McClane fashion, it is presented in such a way as to provide hour upon hour of just plain old enjoyable reading. A must for any serious angler's library. Holt, Rinehart and Winston, 1156 pages. \$65.00

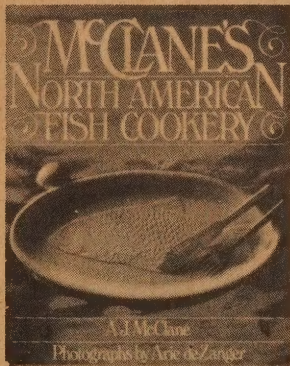
CUSTOM ROD THREAD ART

by Dale P. Clemens

This heavily illustrated book goes beyond the functional aspects of rod construction which the author covered so thoroughly in his first two books. It covers in detail the beautiful and intricate art form of rod thread art. Included are over 100 patterns with all of the necessary techniques fully explained. It is the piece de resistance for anyone who builds their own custom rods. Rodcrafters Press, 221 pages. \$21.95

McCLANE'S NORTH AMERICAN FISH COOKERY

by A.J. McClane



The author, with the help of world renowned photographer Arie deZanger, has produced a sumptuously illustrated cookbook containing 109 of the finest recipes ever compiled. They have culled the most delicious dishes from some of the world's best chefs and North America's greatest restaurants and simplified them so that even an amateur cook in a household kitchen can produce spectacular results. Holt, Rinehart and Winston, 242 pages. \$22.95.

PROFILES IN SALTWATER ANGLING

by George Reiger

This handsomely bound book is sure to become a classic in the angling world. From Lerner and Hemingway to Woolner and Reinfelder, author George Reiger has done a masterful job of tracing the history of the sport through the men who have been the most responsible for its development. His brilliant gift for story telling makes this book a treasured addition to any serious angler's library. A limited number of number of copies signed by the author are available. Prentice Hall Publishers, 470 pages. \$14.95

ADVANCED CUSTOM ROD BUILDING

by Dale P. Clemens

For those who have progressed to a point in angling where they require a rod which reflects their own special desires and needs, this book is a must. It picks up where Fiberglass Rod Making left off, covering the use of modern day blanks constructed of "S" glass and graphite as well as ancient bamboo. Included is a finely detailed series of sophisticated wraps which even the novice rod builders among us will feel comfortable tackling. New Century, 354 pages. \$21.95.

THE CAPTAIN'S COOKBOOK

by Capt. Walter Kaprielian

This unique, cheerfully illustrated book is a compilation of the favorite recipes of boat captains and mates from ports all over the United States. The author, Captain Walter Kaprielian, provides simple, easy to follow instructions accompanied by step by step illustrations for an endless stream of mouthwatering recipes. Always a favorite at gift giving time, The Captain's Cookbook is sure to please the heart and stomach of both friends and loved ones. Bluebeard Associates. 212 pages. \$12.95

**SPECIAL
FISHERMAN
DISCOUNTS**

1 Book - 10%
2-3 Books - 15%
4 or More -
20%

Send Check or Money Order to:



**The
Fisherman's
Library**

THE FISHERMAN • P.O. BOX 1994
SAG HARBOR, N.Y. 11963

**DISCOUNTS APPLY
TO BOOKS IN THIS
ADVERTISEMENT ONLY!**

QTY.

TITLE

PRICE

Subtotal

Subtract _____ % Discount

N.Y. Residents add 7½% Sales Tax

Ptge. & Handling 1 book - \$1.50; \$.50 ea. add'l.

Grand Total

Name _____

Address _____

City _____ State _____ Zip _____

PLEASE INCLUDE STREET ADDRESS — ORDERS CANNOT BE SHIPPED TO POST OFFICES

★ PRODUCT REVIEW ★

SEVENSTRAND OFFSHORE LURES

by Greg Ventura

With over 200 lures in my tackle locker you'd think I wouldn't be looking for any new lures, but it never fails—whenever a new lure shows up on the dealer's shelf I have to have it. You never know. It just might be that all time lucky lure we all dream about. I promised my wife about 30 lures ago that I wouldn't buy any more—well, maybe just one more!

Sevenstrand introduced two variations of their proven Psychohead lures that looked so good that I just had to add them to my collection, and I'm happy to say that they did catch fish and they did it well.

The Silver Bullet might give the old standard a run for the money. The lure itself is the same standard Psychohead head shape, except the head itself is made of clear plastic with the tri-bead center made up of highly reflective silver beads. They are almost of a mirror type quality or at least they seem that way. The lure weighs two ounces and stands 12 inches long.

The plastic skirt is actually made up of two skirts: the inner skirt is the standard green color, while the outside skirt is a silver coated plastic. Let me tell you, the lure can really be seen in the wake. This past year can't go

down as one of the all-time greats for trolling, but we did get to try this lure out in September and did have good results with school yellowfin and a few longfin. As a matter of fact, the only longfin we got other than by chunking were taken on the Silver Bullet.

We rigged the lure the same way as usual: 200 lb. mono leader and snelled in double 9/0 hooks in the pro-series method. We tried the lure rigged in a daisy chain fashion and had some fair success that way also. The extra reflectiveness of the lure head did make a big difference on two occasions when the only two lures that were producing were Silver Bullets.

The Deep Green Machine is the same overall length as the rest of the Psychohead line with the big difference being the weight of the head. Instead of the standard two ounce head the Deep Green Machine is six ounces. The lure color is the standard green and so is the double skirt.

This lure was introduced in the early part of July and I managed to find a tackle shop with a few in stock and grabbed them. I have always said that a few egg sinkers placed behind the heads of various lures to add weight produced very well for us, so this

heavier lure was a natural for me.

The lure is rigged the same way as the Silver Bullet, but we tend to fish this lure in the outriggers and very far back in the wake. I know some readers will say it's not supposed to be fished there, but it does work well in that spot.

July proved to be a very good month for us with bigeye tuna and the standard slower troll and heavier lures did the job. The 300 lb. bigeye taken by Ed from Sportsman's Center while fishing on the "Sea Lore" was taken on a Deep Green Machine on the port side, far outrigger. Someone told me he had a poster made up of the picture and carries it around in his back pocket!

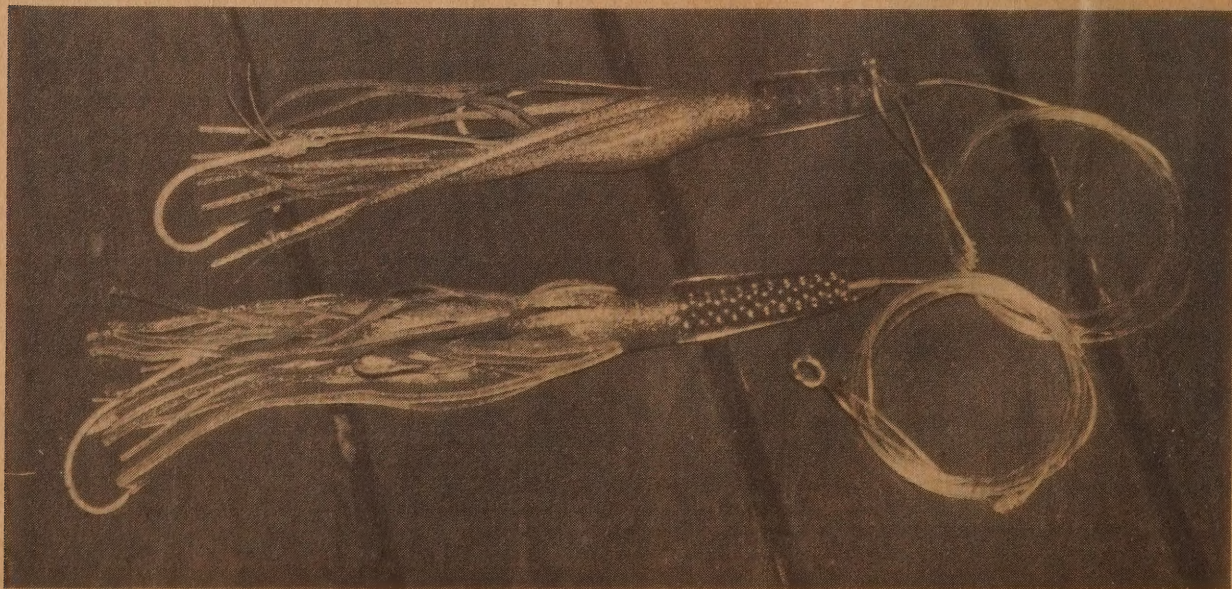
I'd like to see the Silver Bullet also made into a 6 oz. head. The 2 oz. head seemed to work great and I'm sure the 6 oz. would too. Hint, hint.

Bill Goodman of Sevenstrand informed me that because of the late introduction of the lures many tackle shops were without the product and many anglers could not find them. He said that by spring, most shops that carry the Sevenstrand line should all have a good supply.

The Silver Bullet and the Deep Green Machine by Sevenstrand do catch fish. Just tell the wife it's only two more lures. Besides, Christmas is just around the corner. Nice stocking stuffers, ladies.

Both variations of the Psychohead come in a wide variety of colors—enough to imitate everything from dolphin, to flying fish, to mackerel and mullet. The Psychohead was one of the original lures to get East Coast tuna and canyon anglers convinced that lures do catch fish, and lots of them. It's nice to see that Sevenstrand is not content to rest on its laurels as they continue to make their lures even better.

Manufactured by: Sevenstrand Tackle Corp. 5401 McFadden Ave., Huntington Beach, CA 92649; (714) 891-2431.



The New Black Hawk LH-1

"Built like no other radio of its kind!"

Looking for something different? Unique? Unusual? Stands apart from the crowd? Look to the new Black Hawk LH-1 for unequaled quality and innovation...only from LORAD!

The Black Hawk's exclusive features include the world's first "On-Top" LCD Display which makes it possible to monitor the frequency while being worn in the carrying case, an Automatic Battery Saver System that provides longer life, extensive O-Ring and Gasket sealing throughout to keep the elements on the outside, 82 U.S./International channels, and a 100% Customer Satisfaction Program to make sure you are satisfied with the Black Hawk. Combine these features with the accessories of the Black Hawk and you have an easy to operate handheld with the flexibility to go anywhere in the world.

The new Black Hawk demonstrates LORAD's commitment to lead the industry in Excellence in Product and Service. Establishing LORAD as the manufacturer of only quality products, and the leader in innovative design.

EXCLUSIVE!

The world's first "On-Top" LCD Display gives you "Visual Command Control" even while being worn in the carrying case. Plus an LCD night light!

EXCLUSIVE!

Automatic Battery Saver System/ABS System. The ABS System automatically activates to phase-down battery drain in the standby mode.

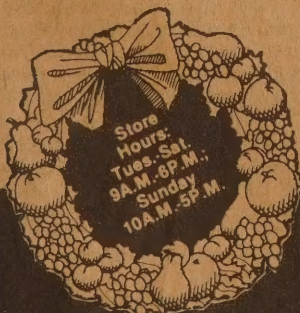
EXCLUSIVE!

100% Customer Satisfaction Program. If you are not satisfied with the quality, or performance, you can return the Black Hawk for a full refund or another handheld within the first 90 days after purchase. In addition, you will receive with your purchase LORAD's 1 year limited warranty.

EXCLUSIVE!

"Sealed like no other radio of its kind!"

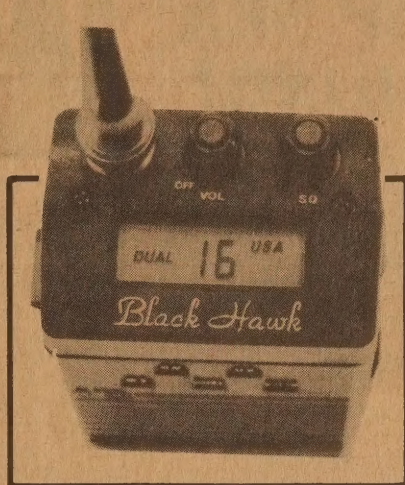
- O-Ring & Gasket Sealed Throughout
- Sealed Rubber Push Button Selector
- Gasket-sealed Rotary Selector
- Sealed Rubber Push-To-Talk Selector
- O-Ring Sealed Cabinet
- Rubber Sealed Battery Compartment
- Sealed LCD Display
- Waterproof Speaker



Come in and
check out this
water resistant radio now!

LORAD

THE PERFECT GIFT IDEA
AIREX GIFT CERTIFICATES!



The worlds only "On-Top" LCD
Display marine VHF handheld!

Black Hawk Features

- "On-Top" LCD Display with Night Light
- Automatic Battery Saver System/ABS System
- O-Ring & Gasket Sealed Throughout
- Heavy Duty Corrosion-Proof Housing
- Push-To-Talk Selector
- On-Off Volume Rotary Selector
- Squelch Control Rotary Selector
- 82 U.S./International Channels
- HI-3 Watts & LO-1 Watt Selector
- Full Scan/Up or Down Capability
- Priority Channel 16 Selector
- Dual Watch Selector
- 7 NOAA & 1 Canadian Weather Channel
- Channel Key Lock Selector
- Built-In Waterproof Speaker
- Drop-In Charger Jack
- AC/DC Charger Jack
- RX LED Indicator & Battery/TX Indicator
- Speaker/Microphone Jack
- Automatic or Manual Push Button Channel Selector.

STANDARD EQUIPMENT

- Helical Rubber Duck Antenna
- Ni-Cad Rechargeable Battery
- Vinyl Carrying Case
- AC Charger

List \$549.00

CHRISTMAS SPECIAL
\$275.00

— ON THE NAUTICAL MILE —
AIREX ELECTRONICS
106 Woodcleft Avenue, Freeport, New York 11520
(516) 623-8942

FOR THE ENTIRE HOLIDAY SEASON — WE WILL ALSO BE OPEN SUNDAYS, 10A.M.-5P.M.

KEY WEST FLORIDA

DEEP SEA FISHING!



ABOARD THE
100' YANKEE CAPTS.!

TORTUGAS SAFARIS

TWO 2 DAY TRIPS WEEKLY!

Leave Mon. 11 PM, Ret. Wed. 5 PM
Leave Fri. 11 PM, Return Sun. 5 PM

**32 HOURS FISHING
TIME PER TRIP!**
Fare — \$140. (Tax Included)

YANKEE CAPTS. FACTS:

- 1. MOST EXPERIENCED —** Pioneers of Tortugas Banks from Key West. Groupers, snappers, yellowtail, etc.
- 2. M.E.T. AWARDS —** Winner of many of Florida's largest fishing tournament awards!
- 3. PASSENGER RESERVATIONS LIMITED!** Plenty of fishing room!
- 4. FREE BUNKS —** A bunk for everyone. Not just a limited few!
- 5. FISHING SPOTS RESERVED —** With a reservation you can choose your fishing spot long in advance!

FOR MORE FACTS
SEND FOR FREE BROCHURE!

Write

YANKEE CAPTS.

P.O. Box 4068C
Key West, Fla. 33040

Or Call

(305) 294-7009

THE TACKLE DOCTOR

by Russ Wilson

Dear Doc,

I want to build a new boat rod over the winter and I would like some help. I fish, mostly alone, out of a 16 foot open aluminum boat. Primary use will be for fluke and weakfish. A longer rod in the 7 foot range with a conventional reel (Penn Mag 10) is my preference.

Can you give me some recommendations for blanks, guide spacing, etc., in glass or graphite. Additionally, some information about the rod action would be very helpful.

Norm Anderson.

Dear Norm,

You should do fine with a 6½ or 7 foot rod when using it from your 16 foot aluminum boat. I assume you will be fishing relatively shallow waters or sheltered waterways for those fluke and weakfish.

We checked with Doug Rusch at Sportsmen's Outfitter, in Westfield, New Jersey and he recommended two distinctly different blanks for what you want to build. The first is a fiberglass 7 foot Lamiglas blank MB-84-2F which measures exactly 7 feet. The graphite blank GLB-84-1M is also 7 feet. Both blanks have a fast action but not as quick as the West Coast style. With either you can use 10 to 15 pound test lines.

Rusch recommends spacing the guides as follows from tip to butt, but cautions that placement of the reel seat can throw off his suggestions. From the tip, place the first guide 5 inches down the blank; second guide is placed 6 inches below the first. Third guide goes 7 inches further down the blank and the fourth guide is set at 8 inches below the third guide. The fifth guide is 10 inches below the fourth guide and the sixth and final gathering guide goes 12 inches below the fifth guide.

A suggestion from Rusch, and one we always follow when building a custom rod is to string the line through the guides and put some flex into the blank. We tape the guides in place with masking tape or electrical tape and put a full bend in the blank. If there are any "dead" spots, meaning a section where the line touches the blank, you will have to adjust your guide placement to alleviate the situation.

A personal suggestion is to go with the aluminum oxide type guides. They will last for years and if you build the

rod with a lot of TLC you will want it to last as long as possible without constant maintenance, meaning replacing guides, re-doing the fine finish and having various components that do not last.

If you desire a "beefier" rod you might try purchasing a blank that measures 8 feet and cutting it down to 7 feet. By removing some of the tip section you increase the power of the rod, but use caution or you can make the rod behave like a broomstick with no action whatsoever.

Another possibility is the BT-85-7F (also Lamiglas) which is close to a 20 pound class blank. It will handle lines of 20 to 25 pound test and is a true "meat stick." I don't feel it will match up very well with the Penn Mag 10 but it is a possibility if you fish heavy lures or sinkers and must horse fish from structure.

You might give Doug Rusch a call. He is open everyday and can be reached at the store by calling (201) 232-0744.

* * *

Dear Doc,

In the July 25, 1985 issue you indicated an article would be forthcoming on how to use bucktail jigs, etc.

I am waiting patiently. Since I have started charter fishing, your magazine has become my assistant mentor. Keep up the good work, especially the basics.

Capt. D. Kovacs.

Dear Capt. Kovacs:

Apparently you missed Issue No. 30 (New Jersey edition), for it contained the article you request. We've had quite a few requests to do more on the how-to's of bucktailing from boat or shore and will try to do a follow-up piece sometime during the 1986 season (probably in the spring). It will run in all four editions of The Fisherman, so readers in each area who have requested the article can be satisfied.

You fail to mention just what type of bucktailing info you want. I assume you mean bucktailing from a boat which is entirely different than working a hunk of lead and hair from the beach or jetties. We'll try to cover all bases in the spring.

For openers, however, you might want to try the standard wire line (150 feet) and bucktail method that has worked for decades throughout the New York Bight. Most experienced

striper and bluefishermen find the 150 foot shot of wire plus a 15 foot leader of clear monofilament a deadly combo for catching big striped bass during the fall when sand eels or rainfish are present in tremendous numbers and are providing most of the food supply for those big linesiders and slammer blues. We used the method for more than 20 years and feel it is the best technique for taking bigger fish during the tag end of the season. You may have to jig the bucktail to get the desired results. By jigging, we mean using a rowing motion to impart action to the bucktail as it is dragged along by the forward motion of the boat. A lot of old-timers called this "rowing the boat" and it is a deadly way to catch big bass and blues on bucktails.

* * *

Dear Doc,

I recently purchased a 23 foot boat, Thunderbird Formula (1971) with twin 188 hp Mercury inboard/outboards. It carries 125 gallons of fuel and appears to be in very good condition.

Upon removing the transom mounted mooring light, I found the wood between the fiberglass seemed to be freeze dried and very easy to pinch out with my fingers. I am wondering if this may result in a weak transom and possible danger. We want to use the boat to fish the 20 Fathom line on out to the Canyons. Do you see any possible problems that could expand throughout the boat? Barry Hummell.

Dear Barry,

I would not attempt that question without first seeing the boat and having a chance to inspect the damaged area. But if I were you, I'd take the boat to a reputable dealer and have his mechanic check it over thoroughly before I headed offshore twenty or more miles in search of fish. You really do not know how extensive the damage is to the wooden liner and before you go rushing off in search of fish, you should be fully aware of what could happen if something gave out when you were way offshore and maybe fishing alone.

I do not wish to frighten you, but anything out of the ordinary on a boat can be serious. There are no gas stations at sea and unless you've learned the secret of walking on water, you could be in big trouble if you suffer a problem when out there with no other boats nearby. It may cost you a few bucks to have the boat gone over thoroughly by someone who knows the boat building business, but I feel it's money well invested. Rotting wood has always been the bane of saltwater anglers. That's why so many of today's professionals will use only fiberglass-constructed hulls when purchasing a new charter or party boat.

Your problem may be minor or it could be extensive. Play it safe and have the hull checked before you give the wood a chance to further deteriorate.

GARAN'S TACKLE

1708A W. Sunrise Hwy., Merrick, N.Y. 11566 • (516) 378-9251
9 A.M.-6 P.M. Mon. - Fri. • 9 A.M.-5 P.M. Sat • 9 A.M.-2 P.M. Sun



Christmas Super Savers

— THESE PRICES GOOD NOW THRU CHRISTMAS —

STORE STOCK ONLY



DAIWA REEL BLOWOUT!



AG 1350	\$14.99
AG 1650	\$15.99
AG 2050	\$18.99
RG 1000	\$26.99
RG 1300	\$23.99
RG 1600	\$25.99
RG 2600	\$31.99
RG 4000	\$38.99
RG 7000	\$40.99
BG 10	\$42.99
BG 13	\$41.99
BG 15	\$42.99
BG 20	\$46.99
BG 30	\$49.99
BG 60	\$57.99
BG 90	\$58.99
27 H	\$34.99
47 H	\$36.99
30 H	\$34.99
50 H	\$36.99
300 H	\$48.99
400 H	\$57.99
600 H	\$64.99
900 H	\$71.99
SL 175 H	\$30.99
SL 250 H	\$30.99
SLT 50	\$299.95
SLT 50 W	\$349.99

20% OFF ALL SEALINE GRAPHITE RODS



\$19.99

All Daiwa Beef Stick
All Daiwa Fluke & Flounder Rods
Spin • Conventional • Blues • Cod

CLOTHES FOR COD FISHERMAN

Wool Socks • Gloves
Hooded Camo
Sweatshirts
Quilted Insulated
Underwear



PENN 620

DOWNRIGGER

\$169.95

STERNS FOUL WEATHER GEAR

TOP OR BOTTOM

\$24.99



RED BALL PAC BOOTS

Removable
Washable
Liners



\$49.95

FRESH SUPPLY of TACKLE BOXES

Huge Selection
Great Gifts

FOR THE COLD WEATHER FISHERMAN

STOVE



\$59.95

PROPANE HEATER



\$39.95

LANTERN



\$34.95

HYDRA-SPORTS 18' to 25' CENTER CONSOLES, CUDDYS AND WALKAROUNDS!

EXCLUSIVE L.I. HYDRA-SPORTS
DEALER



EXCLUSIVELY POWERED BY:

EVINRUDE



COME IN AND CHECK OUT OUR QUALITY AND OUR PRICES!

SUFFOLK MARINE

45 WILLOW STREET, BABYLON, NEW YORK 11702 • (516) 669-0907

— ALSO DEALERS FOR TOPAZ —

CONQUERING THE WINTER KING

Part Two—by Matt Ahern

In last week's issue, proper codfishing tackle was discussed; plus a smidgen on hooks and bait. This week we'll investigate the whys and wherefores of rigs, also more detail on baits, and a bit on various grounds that have produced cod for me for 60 years.

Because cod are large fish, many fishermen who note that gaping mouth are easily misled. They believe that because of that cavernous mouth, our bearded friend requires large baits. Naturally, they load their hooks with gobs and gobs of bait, thinking, of course, that doing so will produce more and bigger cod.

Not so, at all.

Take skimmer bait, for instance. It is my belief that if you bait up with only a regular sized skimmer, or a third of a large one, you will see your catch increase. I know there are skeptics among us, but the next time you are codfishing aboard a party boat, take note of the fishermen with the most fish. I'm quite sure you'll notice these experienced fishermen are indeed using smaller baits than those with few or no cod. If you are a beginning codfisherman, getting your feet wet, so to speak, take a tip from old Matt and shun those half pound size baits. Doing so may well make the difference between a good catch and one that is mediocre.

You'll also see experienced fishermen using a single cod hook on an 18 inch 40 lb. test mono leader, tied into the main line about three feet above the sinker. Some opt for the popular deep-sea, two hook rig. The choice is yours. As for my choice, I go by the mood of the moment. Many years ago we always used that two hook rig, but that was because double-headers were quite common during a good day's fishing. Today, that incentive is lacking.

But if you are interested in catching a few bonus fish, such as ling, or possibly blackfish when fishing obstructed bottom, it is advisable to use that two hook rig. To do this, tie your high hook at the recommended distance above the sinker. The bottom hook, which should be 3/0 to 4/0 in size and placed a snell's length above the sinker is strong enough to hold a cod should one pounce on the bait (it happens). Pollock will be sure to grab that top hook. I can't recall ever catching one on a low hook. Your chances of catching one of these gamey members of the cod family are not great, however. They never were

over-plentiful in the New York Bight even when I was a youngster learning the ropes. They are less so now.

You can use two inch loops formed at the recommended distances with double-overhand knots, or you can make them with dropper loops. If you select double-overhand knots, be

“Make no mistake about it, your cod will make you earn him every foot of the way. There might be a chill factor of zero, but you'll sweat, believe me.”

certain to draw them up slowly (a little saliva helps). This caution should be heeded when making these knots, for they are notorious for cutting action when a large cod is hooked. It is best to use dropper loops, or three way swivels 4/0 to 6/0 in size. Be sure the swivels are tied to the mainline with improved clinch knots.

“Quick Rigs.” Ever hear of them? These are handy little gadgets found in all well-stocked tackle shops. They will not only help you place your hooks anywhere on the line, but they will do so quickly and easily without the annoyance of knot-making—especially on bone-chilling days. If their application isn't understood, ask the man behind the counter; he'll show you in seconds.

But whatever you do, don't load your terminal gear with excessive hardware. Keep the time-honored bottom fisherman's adage in mind—always! **The less hardware, the better.** If you must use hardware, select either three-way swivels or “Quick Rigs.” But not one blessed item more than that! Cod are spooky. They may be bold under certain

conditions, but they are indeed line shy. Don't forget: it is always the successful fisherman who takes advantage of every trick who brings cod to gaff; he knows and follows these rules. Of that you can be certain.

Sinker weights will vary between 5 and 12 ounces, rarely more than that. Up to 8 ounces, use the bank style sinker; above that weight, use the diamond style. (Bank sinkers are seldom manufactured above 8 ounces in weight.) When codfishing at anchor, it is important to use the correct weight. Your bait **must** remain quiet. Jiggling or moving the bait while codfishing at anchor is strictly a no-no. But be careful here. If an 8 ounce sinker is doing the job, don't add more weight. That's only common sense, but I see fishermen do it. It beats me why. I've asked, too. And I'm told: “Because.” You figure it.

And if you expect to fish wrecks, rocks and so on (and it's a pretty sure bet you will be), don't forget to bring along spare hooks and sinkers. These are available on board party boats, but if you're fishing privately with a couple of buddies you must take this into consideration.

Bait, of course, is the time-honored skimmer clam—almost always. And you'll find that these are supplied on most party boats. Actually, I can't recall ever fishing aboard a party boat, for whatever species of fish, when skimmer wasn't available. But because this is so, this doesn't mean other baits are not acceptable to Old Whiskers. Whole smelt are good, chunks of mackerel or herring are seldom refused—especially herring. Squid has also decked many a cod. In short, anything that swims and is small enough to be attacked is fair game to Mr. Cod. Don't overlook the fact that an 8 oz. diamond jig flashed three feet off bottom will often take cod when all else fails, especially when fishing open bottom.

When selecting skimmer slices from the bait pan, use only those which have a goodly portion of the soft belly remaining. This is what cod (and all other bottom feeders) relish. And don't forget: **Don't overload that hook!** Weave each slice on (again depending on size) and make sure some of that soft belly trails in the current. It doesn't have to be much; just enough to tease our bewhiskered friend that the rest must be as good, too. That's the way to catch cod! And if you're cutting your own skimmer,

make sure you slice it lengthways—never across. If at any time you find skimmer cut crossways, no matter what fish it is intended for, you can make up your mind that the one who cut it doesn't know much about bottom fishing.

Chumming is often necessary to get the cod started. You'll often see party boat mates doing this at frequent intervals. Whole skimmer is batted overboard close by the lines, always with sufficient force to just crack the shell and allow some of the meat and juices to flow into the current.

Should you be fishing with a couple of buddies on a private craft, don't take the easy way and pound your skimmer to mush in a container. The resulting bits and pieces will be too small to do you much good. The current, at the depth you'll be fishing, is sure to carry those tiny pieces too far off before they reach bottom, which might be good for the cod, but not for you.

Experienced codfishermen use many methods to entice cod to the baited hook. Some work well; some don't—each depending upon the area fished and time of year. As I have no idea where you'll be codfishing, or when, I can only offer this advice. Don't move that bait! Don't jig when using bait—ever! You must learn to compensate for the rise and fall of the boat by using the reel carefully. You'll work out a system to do this; it isn't all that difficult. Eventually, it

becomes as natural as breathing.

Cod accept bait in two ways. They will either swallow it with surprising stealth, or they will attack it with savage force. Most days, they will snuggle up quietly and hook themselves. (This is the way the old-time settler fishes—he lets the cod do the hooking.)

Check the line occasionally. If weight is felt—sink that hook hard! But if your cod strikes the bait with force try to control your reflexes and wait for three good solid tugs, then set the hook with as much force as you can muster. Don't be gentle. You will be fishing in deep water and you've got to sink that hook in that leather-like jaw.

Cod fight—don't let anyone tell you they don't. Their way of fighting may not be as spectacular as a bluefish, but you will have your work cut out for you. If your fish is large, and there is an excellent chance it will be, you had better have a firm grip on your rod.

Make no mistake about it, your cod will make you earn him every foot of the way. There might be a chill factor of zero, but you'll sweat, believe me. It will take but one large cod to make you a believer, so be prepared for it. Old Whiskers is far from the old boot you may have been led to expect. This cod slander is usually passed along by fishermen who have never caught a cod, or disappointed because their quarry failed to leap from the water like a marlin.

Cod are caught over many different bottoms, ranging from inshore sand and gravel in the early part of the run, to offshore rock ledges such as the Cholera Bank off Long Island and New Jersey's 17 Fathom Bank. Sunken wrecks harbor cod during December. Some of these are the Steel Wreck, the Coal Wreck, the Stone Barge and the C.O.D. Wreck—all of which are available from Jones Inlet. There isn't one of these spots that has failed to produce cod for me at one time or another, usually a modest five or six. The banks mentioned have produced scores and scores over the years. There was an area on the inshore Seabright, New Jersey grounds that seemed always good for double-headers during the day. I caught my first double header in this vicinity, which is something I won't ever forget. But sadly, this was a long time ago.

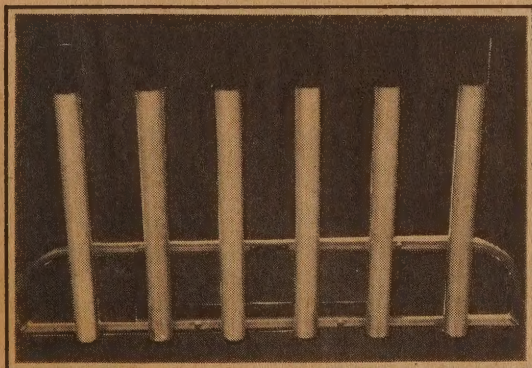
There are many other areas that produce cod, and party boat skippers know them well. If you are fishing privately, it will pay to get a chart of the area you plan to fish. Look for areas that contain rocks or other littered bottom. (Getting on a wreck is difficult without much experience.) Open areas in water ranging from 60 to 90 feet are often good—especially in December. Your best bet, though, is to look for obstructed bottom and get the chum going.

Pick out a nice day and dress warm. Go to it. It's a long winter!

Need A Christmas Gift Idea?

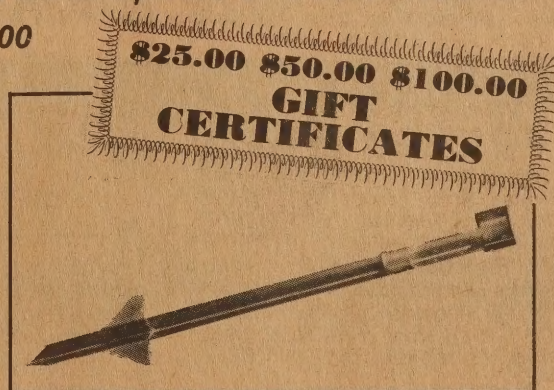
How About One Of Our Rod Holders, Sand Spikes Or Cooler Racks!

Gift certificates available from \$25.00



ALUMINUM ROD HOLDER... \$99.00

- Manufactured from heavy gauge aluminum.
- Flat mounting surface allows you to bolt it on to your bumper or anything.
- Six Rod Holders fit any size rods and include synthetic rubber tips to protect your reels.



ALUMINUM SAND SPIKE FOR THE SURF FISHERMAN..... \$24.95

- Manufactured from heavy gauge aluminum.
- 48" length allows it to be used in the water.
- Lower stabilizer lets you drive it into the sand with your foot.
- Rod retainer at top has a rubber edge to protect your rod and reel.

Hamburger's

COOLER RACKS

"For Trucks Or Boats"

BOTH ITEMS CAN BE SHIPPED BY U.P.S. ANYWHERE!
ORDER DIRECT FROM US TODAY

Call 201-240-3888 Monday - Friday 9:00 am to 5:30 pm
1501 Industrial Way North • Toms River, NJ 08753



GETTING THE MOST FROM YOUR RECORDER

by Russ Wilson

Today's fisherman, whether he be fresh or salt water oriented, enjoys a type of fishing that is far beyond the wildest dreams of his forefathers. Space age materials, highly technical electronics and the finest array of fishing equipment ever to grace the shelves of tackle shops are at his disposal—and at a fraction of what they might have cost twenty years ago, if such products were then available.

Graphite, Boron and Kevlar were unknown to fishermen a dozen years ago and yet today these are names common to anyone who wets a fishing line. By the same token, water temperature gauges, chart and flasher type depth finders were just coming into serious use and the modern color scope and LCR units were not even heard of by most fishermen.

There is no doubt these advancements have proven beneficial to anyone who hopes to become proficient at the fishing game. We know of few fishermen who would venture offshore without first making sure their Loran C unit was functioning properly, their chart or color scope was operational and their water tempera-

ture gauge was giving off correct readings.

Unfortunately, for many fishermen little thought is actually given to the finer points of these modern day electronic wonders. We've seen many fishermen walk into a marine electronics outlet, plunk down several hundred dollars for a brand name chart recorder and then have it installed on their boat without learning how to use the unit and not knowing why it costs hundreds of dollars to put it on the market.

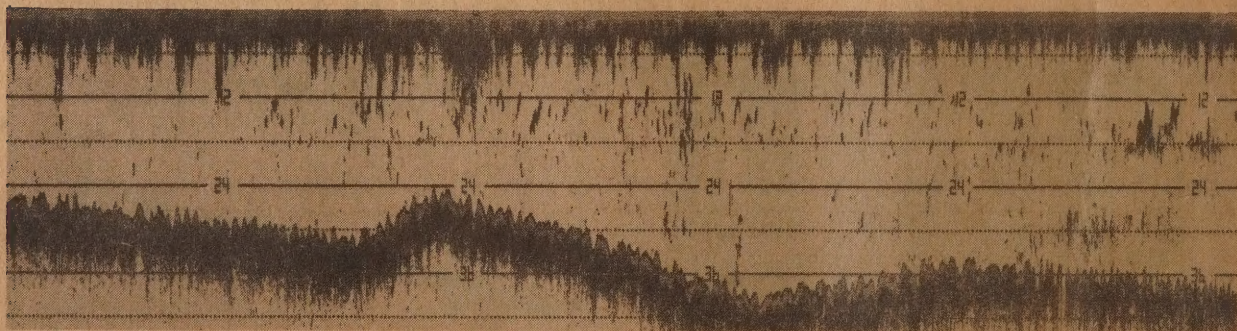
If the recorder shows some little specks or a solid blob of bottom structure, most of these fishermen feel they are getting their money's worth and never bother to learn how to use the unit to its full advantage. It is true; you can find bottom by just turning the machine on and running paper across the screen. But, to get the fullest from any chart recorder you must learn what are its major functions and how they are brought into play.

With each piece of electronics you will receive an operations manual. If you choose to cast it aside, it is your loss and you have only yourself to blame if you do not read it thoroughly

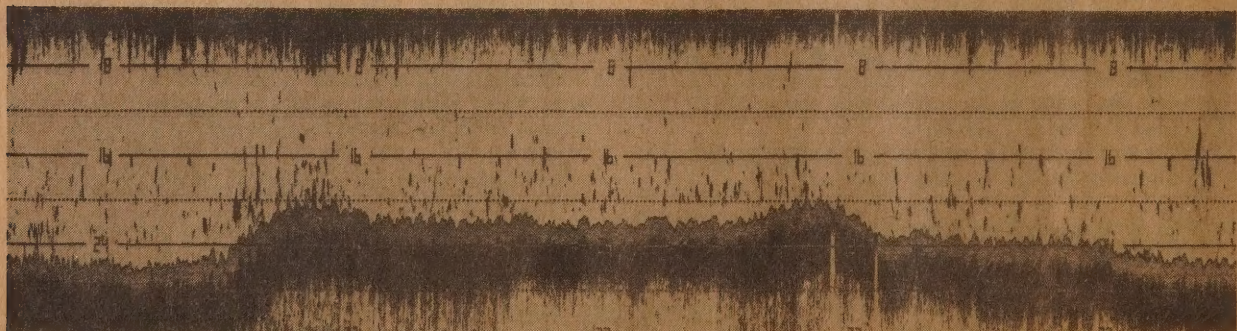
to learn what your new "toy" is capable of doing. This applies with chart recorders, Loran C units, radios and all other electronics that combine to make your fishing or boating more enjoyable.

Way back when, we purchased a flasher which did reveal bottom structure and on occasion the fish that lived there. We did not learn how to use the flasher on our first trip or for many following trips. But, by carrying the manual and adjusting our machine we did finally begin to see what it was showing us and our catch rate improved considerably with each passing trip.

Next came the early version of today's straight line graph machine. That one was a dilly. It was mounted on the middle seat of our 14 foot aluminum planing hull and with each hard bounce the hull took, the machine became one step closer to the trash can. By mid-season, it was about as useful as a broken leg, and it was due to our lack of knowledge. We should not have mounted the unit on the seat without first making sure it was cushioned against the bouncing and jostling it had to receive when we attempted to negotiate rough seas. A



Bluefish and bass were feeding at mid depth above uneven bottom as shown in this section of graph paper.



Weakfish and blues feeding on sand eels and anchovies, stacked like cordwood close to the bottom.

very costly lesson, as I recall the unit cost about \$300 and was ready for the Deep Six in about two months. If we had taken time to learn how to correctly install the unit, it might still be functional today instead of being ruined.

Several Lowrance graph recorders followed. With each new boat we had to purchase a new—more advanced—graph recorder and any new goody that happened to come along between boat purchases. As of today (you never know when the urge to buy a new boat will hit), we have the Lowrance X-16 which is the most advanced graph recorder we used. It does just about everything but make the fish bite and when some company markets a unit that advanced, we'll probably be standing in line at one of the local golf clubs because that's when we'll pack it in as far as fishing is concerned.

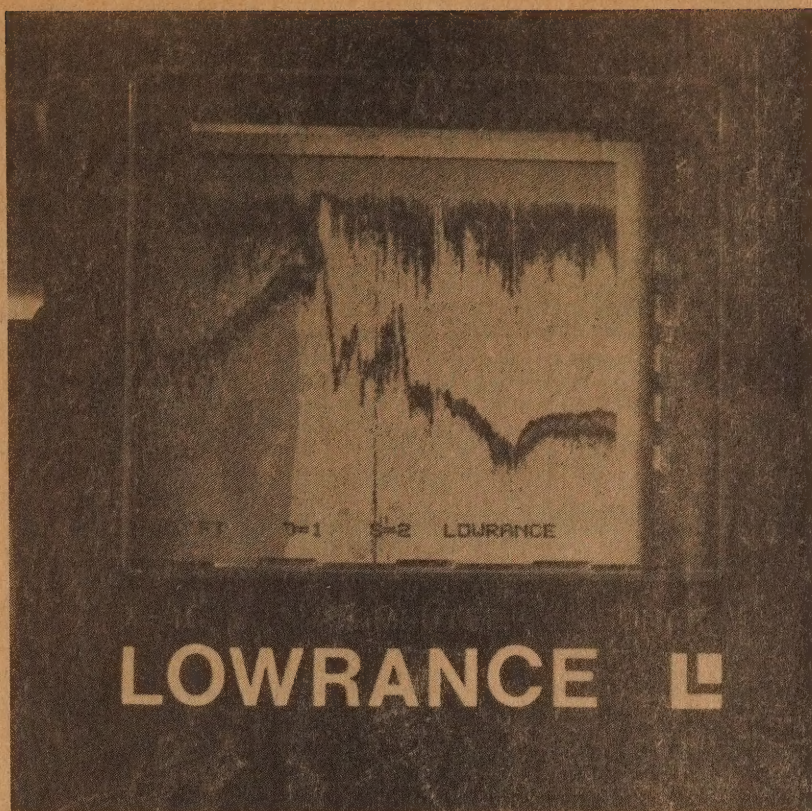
At any rate, the X-16 has so many features that a buyer must read the owner's manual and get that knowledge to practical use if he hopes to get all the recorder has to offer. We know firsthand, for when we had the unit installed our first inclination was to rush off through the inlet to see just what the machine was capable of doing. We did not bother to read the manual and were somewhat disappointed when all we got was a normal bottom reading with the usual surface clutter and the straight slashes which are marks of fish that are etched into the graph paper by the machine's stylus.

Having satisfied our instinct to use our new toy, we then did what we should have before operating the unit: we read the manual and discovered why we had parted with so much money for the unit. Lo and behold, the machine has a paper speed adjustment and a way to clear the surface clutter. Also, as we later discovered, it would also allow us to change the pulse rate, use two transducers to give a wider view of the bottom, and to connect the recorder to a Loran C by simply adding a Loran interface.

The manner in which your graph and its transducer (or transducers) are mounted will dictate how good or bad your machine will perform. Incorrect transducer installation is one of the major causes of poor reception as many fishermen have discovered after trying newly installed units for the first time.

You can mount the transducer so it will "shoot" through the hulls, off the transom or through the hull. Each has merit and the final choice should be yours or the marine mechanic who does your installation. We've tried all three methods on various hulls and found them equally reliable. Our present setup utilizes a transom mount (high speed transducer) with a switch box so we can go from a wide angle transducer to a narrow cone for deep water situations and to a 50 kHz or 192 kHz frequency as needed.

The "cone" angle, actually the area that is seen by the transducer



Locating structure such as this is a must when seeking blackfish or sea bass.

and signaled back through the transducer (which is both sending and receiving unit) is governed by the degree of the transducer, the wider angle giving a greater view of the bottom and the narrow cone giving a smaller view, but greater power to read the deeper waters.

As this signal is passed back through the transducer and onto the graph recorder, it is etched onto the paper where you—the angler—can see just what is happening in the depths and react accordingly. You can adjust the sensitivity by increasing or decreasing power by turning the dial. A shallow water situation may require less sensitivity while charting deeper waters will necessitate a much greater amount of sensitivity.

You can overpower the readings by cranking the dial all the way to full power (right to left) and all you will see on the graph is a solid mass of dark black lines from top of screen to bottom. By reversing the dial you decrease power and the graph image becomes more readable. This is true with all graph recorders, although each unit may have a different method of clearing the picture that is burned onto the graph paper by the stylus as it revolves around and around the paper.

Paper speed will also determine exactly what your graph paper will reveal. By using the paper speed setting at its fastest range you will get those inverted V images which indicate individual fish. If you use a slower paper speed setting you may

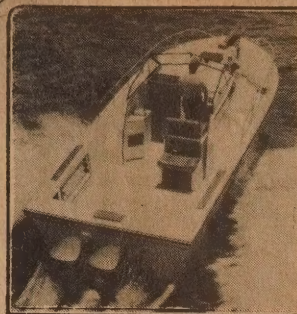
not get the Vs, but you will see dark slashes on the paper which indicate fish or schools of fish and smaller baitfish.

There is also some type of suppression built into every graph recorder we've used. This, when used in conjunction with the sensitivity will give clean, clear readings of what's below. As a rule, we keep the suppression very low unless there is excessive clutter on the graph paper. Some units, especially the newer ones, have this feature built into the unit and you no longer have to set the suppression by moving the dial. The X-16 falls into this category while many of the less expensive units do not have a built-in suppression, so you must do the tuning by moving the suppression from left to right, which gives greater suppression (right) or less (left).

All graph recorders have varying settings for depth. Some can read bottom when it's 2000 feet below the surface, while others do not have this capability but will give excellent graph readings of lesser depths. All units have some type of depth adjustment so you can set the machine to read 30, 60, 90, 120 and so forth.

Fully 90 percent of our inshore fishing is done where water depth does not exceed 250 feet. And, as a general rule, we are in areas where the depth is less than 60 feet. We set the X-16 for 60 feet and if we should happen to slide off to deeper water we will change it to read 90, 100 or more. In cases where we are drift

(Continued on next page.)



28' pro-line

Is it the world's
largest walkaround
family fishing boat?

The Offshore Walkaround 28, latest design from the boards of this famed Florida-based manufacturer, features a wide 10' 6" beam, full-sized cabin with 6' 3" headroom, stand-up head, and the Pro-Line brand of deep, wide walkarounds for maximum safety and comfort. In addition, the new 28' footer sports 50-gallon fishbox, 236 gallons of fuel, hydraulic steering, and a spacious cockpit designed for maximum utility.

The Offshore Walkaround 28 boasts the same classic lines, the same rugged dependability, and the proven design of the other Pro-Line deep V's.

All Pro-Line boats are aimed at the serious skipper who demands a rugged fishing craft but prefers to add his own refinements later on. The result is a reliable boat economical to buy and economical to own. Nonetheless, on the 28 Pro-Line offers such standards as ice chest, sink, Bimini top, tackle cabinet, recessed rod holders and much more.

1985 SHORE LINE GALVANIZED BOAT TRAILERS STANDARD TRAILERS

12' to 14' 600 lb. cap. (economy)	\$285.	15' to 17' 1,200 lb. capacity	\$526.
15' to 16' 1,200 lb. cap. (economy)	\$424.	16' to 18' 1,700 lb. capacity	\$613.
12' to 14' 500 lb. capacity	\$358.	18' to 19' 2,000 lb. capacity	\$798.
12' to 14' 800 lb. capacity	\$372.	19' to 20' 2,000 lb. capacity	\$888.
14' to 16' 1,000 lb. capacity	\$478.	19' to 20' 2,500 lb. capacity	\$956.

EZ ROLLER TRAILERS

15' to 16' 1,200 lb. capacity	\$622.
16' to 17' 1,500 lb. capacity	\$684.
16' to 17' 1,600 lb. capacity	\$730.
16' to 17' 1,600 lb. cap. (deluxe)	\$780.
17' to 19' 2,000 lb. capacity	\$792.
18' to 19' 2,300 lb. capacity	\$886.
19' to 20' 2,500 lb. capacity	\$999.
20' to 21' 2,900 lb. capacity	\$1,246.
20' to 22' 3,500 lb. capacity	\$1,630.
20' to 23' 4,000 lb. cap. (w/brakes)	\$2,145.



OUTBOARDS by

YAMAHA

WE GUARANTEE LOWEST PRICES ON LONG ISLAND!

"OVER 25 YEARS IN THE BOATING BUSINESS"

Patchogue Marine

689 Rt. 112, N. Patchogue, N.Y.
(516) 475-4850

Take L.I.E. to Exit 64.

Go South 2 Miles

We are on the left left

Tues. thru Sat. 9 A.M.-5 P.M.

Sunday 10 A.M.-2 P.M.; Closed Mondays

LARGEST SELECTION OF ROD & REEL COMBOS CLASSIC SURF LURES - BUY ONE, GET ONE FREE

COMPLETE LINE OF SABRE RODS

REEL REPAIRS OUR SPECIALTY!
Prompt, Expert Service

HUGE INVENTORY

ALL PENN, DAIWA, MITCHELL PARTS
Spinning, Conventional, International

**40%
OFF ALL**



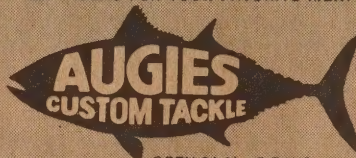
SEVENSTRAND

**& MANY OTHER OFFSHORE
BIG GAME LURES!**

(While They Last!)

**LARGE SELECTION OF
AUGIE'S CUSTOM
STAND-UP TUNA RODS**

**LADIES — GET YOUR STOCKINGS
STUFFED AT AUGIE'S!
GIFT IDEAS FOR YOUR FAVORITE MEN!**



OPEN 6A.M. - 7 DAYS

450 Fire Island Avenue, Babylon, New York
(Near Babylon Municipal Dock)
(516) MO9-9837

WE DISCOUNT! SEE US FIRST!

- BART MILLER LURES
- LEE MARINE PRODUCTS - Fighting Chairs, Outriggers, Rod Holders
- MURRAY BROS. FIGHTING CHAIRS
- RUPP — MARINE OUTRIGGERS
- SCHNEIDER TROLLING LURES
- SEVENSTRAND LURES & SKIRTS
- ALL BIG GAME HOOKS & TERMINAL TACKLE
- GAFFS by RELIABLE - WONDER POMPANETTE

fishing for fluke and the bottom is only 20, 30 or 40 feet down, we'll reset the machine to read only 40 feet in order to get a clearer picture of the bottom structure. And, on occasion, we will even utilize the zoom feature to get a tighter view of a much smaller area of the bottom. One of the nicer points of this "zoom" feature is its ability to read fish that are within four inches of bottom while still giving separation between fish and bottom.

Placement of your chart recorder is very important. You will want to be able to read the unit from positions away from your cockpit or console control area. We usually fish off the stern when seeking bottom fish such as blackfish, fluke, sea bass and others. If the unit had been installed in the console, we could not see it clearly from the stern, so we had it mounted on the top of the console where it can be seen from any area of the boat that is behind the console.

Owners of larger cabin type boats might consider placing the unit where it is most visible from the cockpit or in the case of boats that are constructed with flybridges or tuna towers, a second unit at the control area so the skipper can see the graph when operating the boat or when running from one spot to another and passing over known fish haunts.

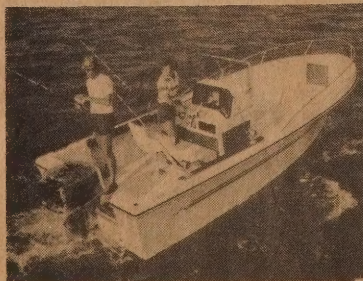
A lot of fishermen who own larger sportfishermen or center console fishing machines now use a digital type recorder when they are under way from one fishing spot to another and then switch to a graph recorder once on the actual fishing grounds. These units are reasonably priced and will give totally accurate bottom readings when running at flank speed and since they do not use graph paper their only cost is the original cash outlay at purchase time.

We are often asked at The Fisherman Workshops and various fishing clinics what we feel is the most important electronic aid and without hesitation we always answer, "It's a good graph recorder." That does not mean you do not need a water temperature gauge, Loran C or a reliable radio, for these are equally important to safe boating as well as locating sunken wrecks (by using Loran C coordinates).

The graph recorder, however, is the final step in locating fish as well as the structure that harbors many species of underwater life. If you don't have a good chart type recorder you simply cannot position your boat over the prime habitat and in the long run, your scores will not measure up to that of others who own and know how to use their graph recorders.

It is certainly possible to fish inshore and middle range waters without the aid of a Loran C, and you might get by without having a water temperature gauge, but for safety you must have a good, in working condition, radio, and if you want to catch fish, a graph recorder that you are familiar with and can use to put you into the fish.

SEA OX



The Area's Newest Sea-Ox Dealer — With the Lowest Prices Anywhere!

CROSS BAY MARINE

158-25 Cross Bay Blvd., Howard Beach, New York 11414
(718) 845-0486

WHEN THE GOING GETS ROUGH,
IT'S NICE TO BE IN THE SAME BOAT
THE COAST GUARD IS IN!

THIS WEEK'S SPECIAL!

**200 CENTER
CONSOLE**

CALL FOR PRICE!

15 YEARS FINANCING

All Models in Stock
18' - 20' - 23' - 26'

- Trades Accepted
- N.Y.C.'s Exclusive Yamaha Outboard Dealer
- Volvo Sales & Service
- Lowest Prices Anywhere

OUTBOARDS by

YAMAHA



TRUCK U.S.A. TOWN

4x4's SALE!

F-250

F-150

BRONCO

BRONCO II

F-350
4X4s
ARRIVING

**NO DEALERS
PLEASE!!**

MUSTANG LX 2 Drs

THE
BUY OF
THE
YEAR!



2 DAYS
ONLY

***\$6599⁰⁰**

"ONLY AT THE MUSTANG KING"

*JUST ADD FRT. AND ORDER -- JOES NOT
INCLUDE COST OF REAR DEFROST

1986 ESCORT PONYS

MUST BE ORDERED

**ORDER
NOW**



ADD. REIGHT
& COST OF
REAR
DEFROSTER

\$5682⁰⁰*

PARCEL DELIVERY VANS



\$14,995⁰⁰

JUST ADD FRT
IMMED DEL
OVER 20 IN STOCK

F350 C + C WORK HORSES

1985's & 1986's

PLATFORMS DUMPS
WRECKERS**



20

CHASSIS
IN STOCK

1986 E150 CARGO VANS

SAVE TAXES • BUY NOW!



50

VANS
IN
STOCK!



SAYVILLE FORD



"THE TRI-STATE FORD DISCOUNT GIANT"

SUNRISE HIGHWAY

516-589-4800

SAYVILLE, NEW YORK

THE N.Y. USED CAR GIANT

1984 DODGE ARIES THE BEST BUY

\$4995⁰⁰

AIR/COND • T-GLASS
• AM-FM STEREO
• AUTOMATIC • P-STEER • P-BRAKES
50 IN STOCK — 200 AVAIL



NO EXTRAS

1985 BUICKS • 200 AVAIL

\$7995⁰⁰

LOADED
A/COND. • T/G
AM-FM STEREO, STEEL
WHEELS, REAR DEFROSTER



P.S. • P.B. 50 IN STOCK!

T-GLASS,
CLOCK!

SKYLARK

1984 CAPRI

\$5995

V-6 • AUTOMATIC • A/COND. • T/G • P-STEER • P-BRAKES
• AM-FM STEREO • REAR DEFROSTER • CONSOLE •
DIG. CLOCK • CLOTH • DUAL MIRRORS • WIRE WHEEL
CYRS • FACTORY WIDE MOULDINGS!

50 MUSTANGS & CAPRIS IN STOCK!!!

YOUR CHOICE

MUSTANG

OR

CAPRI

**YOUR
CHOICE!**



JUST ARRIVED 1984 LTD'S

L.O.A.D.E.D

\$7495

1984 THUNDERBIRDS LOADED • 2 DAYS ONLY



ONLY \$7995⁰⁰

**YOUR
CHOICE
OF COLORS**

**1000
USED
AVAIL.**

50 IN STOCK • 1984 REGALS

LAST CHANCE 2 DAYS ONLY \$7995⁰⁰

AC • T/G • P.S. • P.B. •
DIGITAL • STEREO •
WHEELS • AUTO

LOW
MILEAGE
ALMOST
NEW



250 USED CARS IN STOCK FOR THIS SALE!!!

OPEN
THIS
SUNDAY

OPEN THIS
SUNDAY

**The
Car Shoppe**
(of Sayville)

OPEN
9 AM - 9 PM

102 North Main Street, Sayville, New York 11782

(516) 567-8600



**OVER 200 USED
IN STOCK
OVER 1000
SOLD LAST YEAR**

VIDEO SCOPES

by Pete Barrett

Moments after throttling down to trolling speed, sleepy pairs of eyes emerged from the cabin. "Are we there?" is the standard question as coffee is passed around to help clear the morning haze from half awake bodies. Doughnuts disappear quickly, lures are put out in a pattern, drags are set, the chart is scanned along with the Loran readout to verify position, radio chatter squawks from the VHF as other crews begin the business of looking for some action with tuna.

It's the typical start of a typical day at the canyon. No one raises an eyebrow until the color scope is turned on. The pretty blue background and bright colors get responses like, "Does it get 'The Price is Right?'," "A television, I don't believe it!" "Hey guys, let's watch 'Good Morning America,'" "When does the news come on?"

The initial wise cracks soon fade as the first patch of bait shows up, or the first pod of yellowfins—then everyone starts to pay close attention to the bright orange, yellow and pale blue

marks.

Suddenly three reels scream their announcement of "Fish ON!" and everyone becomes a convert and a true believer in videoscopes as a way to help find fish.

Up until recently, scopes were the toys of canyon runners who could afford such expensive electronics. But like all things in this computer chip world of ours, the price of video scopes is fast descending into the range of the average boater; like you and I.

Along with a drop in price is a corresponding, and welcome, decrease in overall size and weight. It is no longer unusual to see a scope on 20 to 24 foot boats. With a minimum of helm or console space, boats of this size are prime candidates for these latest electronics marvels.

But, what is a video scope? Basically, they are very similar to a graph recorder or flasher. A transducer sends a sound signal to the bottom and as it bounces back to the transducer an impulse is transmitted to the monitor. A flasher displays the bot-

tom readings with a rotating, flashing light. A graph recorder scratches black marks onto white paper. Video scopes use a miniature screen, very similar to a TV screen to display the readings. In each case, flasher, recorder or video, sound is transmitted through a transducer in exactly that way, only the method of displaying the readings changes.

Scopes offer choices of cone angle when selecting the transducer. Narrow beam cones of 8 to 12 degrees are best for deep water use, while wider 15 to 22 degree cone angles produce better readings in shallower water.

Some manufacturers offer choices of transducer frequencies. The 190 to 200 kHz is best for shallow water work up to 60 to 90 feet. Beyond 120 feet of depth, the 50 kHz transducer is usually favored. Some manufacturers, like Uniden, offer an in-between frequency of 120 kHz which is a good all-round choice for most inshore anglers.

The first scopes all had color monitors, but now black and white is making a strong appearance in the



Video scopes are similar to graph recorders, but display the bottom image on a small screen instead of paper. Scopes are available in black and white or color versions.

market, and just like your home TV set, black and white costs much less than a color screen.

The big advantage of the color screen is its ability to display fish markings in different colors. This will help you tell the difference between bait and game fish. Yet schools of mackerel showed on my Humminbird VCR very similar to schools of small bluefish, which showed much the same as schools of whiting, which showed much the same as schools of bottom hugging weakfish.

The color feature is handy, yet any knowledgeable fisherman should be able to tell the difference between mackerel and blues just by the time of the year: you don't find macks in July, nor blues in April. The weaks I marked were in September; the whiting in December at a time when any sane weakie had already headed south.

Wreck fishermen and bottom fishermen may find the color features more valuable than the fisherman who usually trolls, drifts or diamond jigs bluefish. Cod will show up as a different color than whiting, or ling. Blackfish may show up as a different color than sea bass.

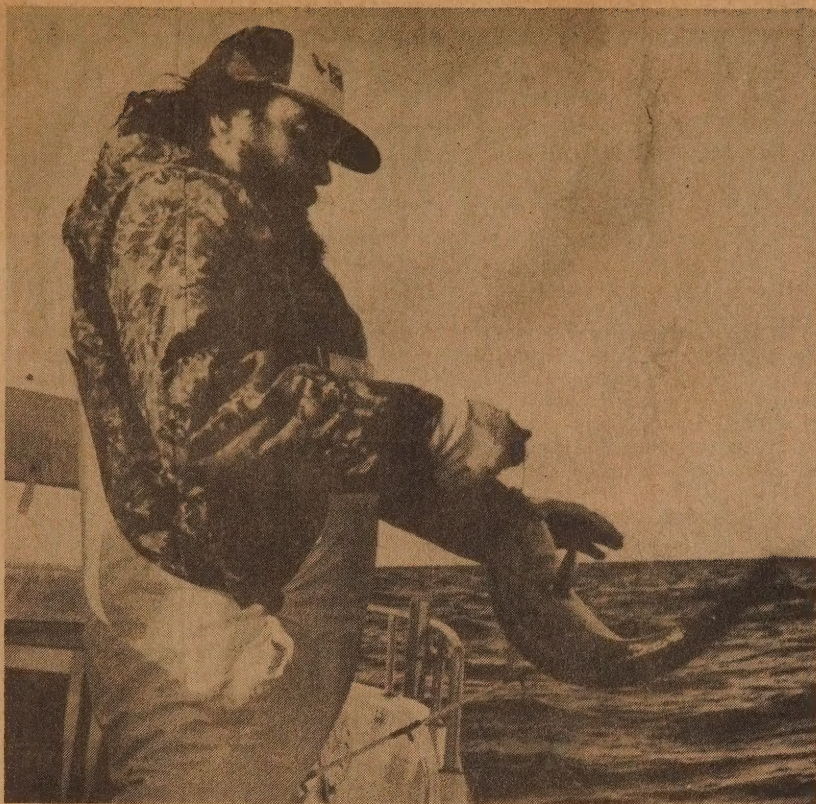
At the canyon and while sharking I've seen masses of bait that showed up as different colors. On my Humminbird, squid showed up as green and sand eels as pale blue. I know the pods were squid because the bigeye we fooled moments after marking the green colored mass of bait came into the boat spitting up mouthfuls of squid. The longfin we caught right after marking the pale blue markings spit up sand eels. A bluefish that stole a shark bait spit up sand eels after we marked pale blue blobs on the video screen.

Much like the time-proven graph recorder which tells its fish finding story in black and white, many anglers will not feel they are missing much by purchasing a black and white video. I used a Uniden MC-500 on a friend's boat and was able to confirm that the black and white scope marked fish with clarity.

It was easy to differentiate between schools of bait and schools of 6 to 10 pound blues. The bait marked as patches or blobs, while the individual bluefish marked in the classic butterfly pattern usually expected of a graph recorder.

In actual fishing operation, if you are used to graph recorders you probably will not feel handicapped by the lack of color in a black and white video. The markings displayed on the screen will be remarkably similar to the graph recorder bottom and fish marks.

If they mark so similarly, why then the need for a video? One prime reason is the saving of paper. The scope runs all day and does not use one inch of paper, so it is much less expensive to run. That can be a vital consideration to some fisherman. I average 20 or more rolls of paper each season depending on how much blue-fishing and weakfishing I get to do.



Scopes are great for diamond jigging blues when you don't need repeated printouts of the fish and structure. They save on the cost of graph paper.

With the color scope, I found that I used the graph recorder much less during the past year and used only eight rolls of paper. That's a savings of approximately \$96! In 4 to 5 years I could pay for the video just in paper savings.

The disadvantage is that the scopes do not provide a permanent memory like the graph recorder does with its neat piece of white paper. Some manufacturers have gotten around this by offering cassette tape recording ability as an optional add-on to the scope. By attaching a cassette deck to the scope the entire day's fishing can be saved and played back at any time. Not as easy perhaps as slipping a recorder paper into a fishing scrapbook, but available nonetheless.

Scopes do not offer the resolution that a graph recorder can, yet in day to day fishing, I have not found this to be a problem. Saltwater anglers fish deeper water than their freshwater cousins and in a boat that is rocking and moving with the seas. The ability to mark six inches between fish becomes impossible to achieve anyhow, so the resolution of the video scope under typical fishing conditions approaches that of the paper recorder. I've had my Lowrance X-16 graph and Humminbird VCR running side by side and the readings are surprisingly similar.

Some fishermen, like flukers who rarely save the day's readouts may find they don't even need a recorder

any more and may prefer the video-scope. Bottom fishermen who want to be able to tell the difference between cod and ling will favor the color video.

There will always be, however, those fishermen who save printouts of wrecks, new-found lumps, unusual markings of fish or who want the better resolution of the graph recorder and will still favor the graph.

Other fishermen, like me, will find the video is great to use after you've found the wreck and then don't want to keep burning up paper, but still want to see what's down there. Or who like to troll and don't need repeated printouts of the same area over and over again. Or, who are drifting for sharks and don't need to burn up roll after roll of paper. Or diamond jigging fishermen who don't need repeated records of the same thing over and over again.

When asked what he thought of the future, if videos would ever replace graph recorders, Ted Bodtman of Si-Tex said, "That's why we make both. Each has its place in the market depending on the individual's preference. We've found that many fishermen are using a graph recorder and a video so they gain the best features of both."

From my own experience, using a graph recorder and a video together is a good choice. Both have advantages that the other can't deliver, but when used together can help you catch more fish—and that's the name of the game.

THOUGHTS ON MARINE ELECTRONICS

by Charley Soares

I am acquainted with a fisherman who I know to be more than financially sufficient. This man has not purchased a Loran C nor a chart recorder for his boat because he is still waiting for a company to come out with the ultimate machine. While he may have cause to be a bit confused by the rapidly changing technology, he has missed the opportunity to vastly improve his fish catching and navigational capabilities. While he was procrastinating, my Si-Tex Loran C model 787C has been providing me with yeoman service over the past three seasons. During that same period Si-Tex and other industry leaders have been constantly upgrading their technology while making their products more compact.

A good friend who is a charter boat skipper purchased one of the first Texas Instrument Lorans many years before this type of equipment enjoyed such widespread popularity. This was at a time when I was still undecided about what model or brand I would select. While in the process of narrowing my selection I had the good fortune to fish alongside Butch and his "Honker," experiencing firsthand how these machines have the potential to make good fishermen even better. Butch always had (and still

does) a convoy of boats in his wake as he makes his drifts for fluke, scup, tautog and sea bass. That same TI is providing that successful skipper with information confirming his precise knowledge of the bay and sound.

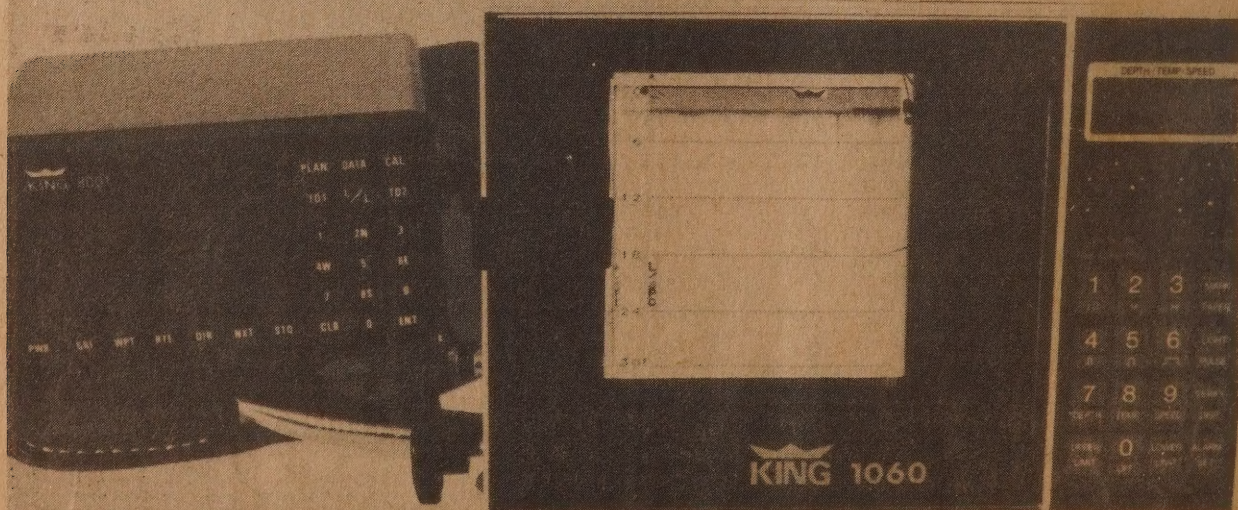
Being an equipment junkie I'm always interested in new products. I had another opportunity to share in the experiences of Ed Duclos and Don Power who purchased King electronics over the past winter. Ed has the King 8001 Loran C which interfaces with his King 1060 Grayline recorder, while Don has the 1060 and a two-year-old Si-Tex Loran C. Ed is a very talented guy who does his own electrical wiring so he installed the King units on the helm of his 23 foot Sea Ox OC. He was less than thrilled with the chart recorder's performance at the conclusion of his first cod fishing trip as he had been used to the characteristics of his former Si-Tex HE-356 chart recorder. At the end of his second fishing trip he had become more familiar with the operation of his recorder and presented me with a section of chart paper which clearly illustrated a large concentration of bait and fish, along with a printout of the Loran C—coordinates, water temperature and the machine's mode of operation at the time of the record-

ing.

I was very impressed at how much information he had to assist him in his computer project. Over the last dozen years Ed has done a lot of fishing motivated primarily by desire and not necessarily good research or past history. He began making index cards to record his information which I normally kept in my fishing log. His system, however, goes several steps further. Rather than just having a running commentary by date, Ed divided his into species. He began with cod and listed time/tide, air and water temperatures and all the other factors which influence a successful trip.

Since his purchase of the King equipment, Ed has purchased a small personal computer and uses sections of chart paper taken from each trip which provides information when he wants to determine if March 3, 1984 was the beginning of a good bite of cod.

I have seen two separate sections of readouts recorded one week apart with almost exactly the same conditions existing on both. This has enabled my friend to return to the exact same spot over a large ledge and resume some very good fishing without having to spend a great deal



The King 8001 Loran C and the interfacing chart recorder model 1060 are smaller than single Loran units of just a few years ago. The Sargeant pliers illustrate how compact these machines are. This combination can provide you with information ranging from water temperature, depth and speed on a chart paper printout.

of time attempting to locate fish.

Ed had a relatively trouble-free season with a minor problem due to an insufficient ground on the Loran which caused interference in his readings. Don Powell who purchased the same chart recorder on Ed's recommendation through a mail order house was not so fortunate. An out-of-the-box unit would not work and there were no local shops handling the warranty work, so he called the factory and was told to send his machine to Clearwater, Fla., where a faulty switch was replaced and the machine was back in his hands in nine days. About three months later, he noted the machine was not marking the paper and opened the unit to find the belt which drives the stylus had broken at the rivet. He sent for a new belt which cost about \$13. In the meantime he employed some fine mono and sewed the old belt together. The unit with the jerry rig is still performing well and he now has a spare belt.

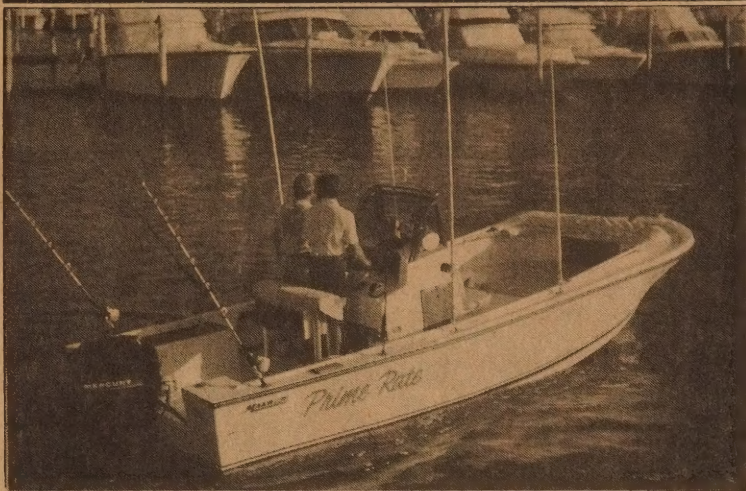
Both men formerly owned white line machines and feel the King Grayline is superior in defining fish and bottom structure. They claim it is easier to operate and the interface feature, bottom anywhere, water temperature readout and digital capabilities put it at the head of the class, at least for the time being. Split mode operation make it very desirable for tuna and bottom fishermen who utilize the alarm system to warn of fish or bait under the boat.

The King Loran C and chart recorder are very compact as the photo with the fishing pliers will illustrate. I found their instruction card much simpler than the complicated one which came with my Loran C, which was too technical for someone of my limited electronic abilities. I will be using my Si-Tex Loran 787C for at least a few more seasons as the machine can deliver much more than I ask of it. When it comes time to upgrade my equipment, the features we have discussed herein and the experiences of fellow fishermen will weigh heavily on my selections.

In closing, I may state I am not personally aware of any "bad" electronic marine equipment on the market. To ensure the best return for your investment, speak with fishermen engaged in a similar fishery who are using similar equipment and learn from their experience. I have found that by sticking with the established name brands and purchasing from local dealers who provide service you can't go wrong. I also have friends who have purchased from national and regional mail order firms which guarantee prompt service who have very good results. One purchased a radio from a Chicago firm and sent it out on a Monday. It was back on his boat by the next weekend. That's pretty good service. Technology will continue to improve and prices will moderate due to the intense competition. The big winners will be the fishing and boating public.

MAKO 235

"YOU'LL FIND THEM WHERE THE FISH ARE!"



Library Avenue,
Westhampton Beach, N.Y.
(516) 288-2400

WHITEWATER MARINE

5600 Sunrise Highway,
Sayville, New York 11782
(516) 589-2502

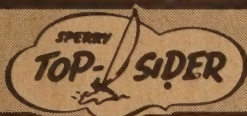
SAVE THE ELECTRONICS!



A 'Dry Idea' for
Center-console Boats—
And a Place
Out of the Sun!

The **Weather Beater**

37 Huntington Road,
Garden City, New York 11530
(516) 741-2570



CHRISTMAS SPECIALS!



0295808
**MEN'S
SMOKED
ELK**

\$29.95 shipped (Slight Imperfections)



SEA MATE
Ladies

\$14.95 shipped **Brenton Red & Skipper Blue**

If not totally satisfied send them back to us in the Original Condition Received within 5 days of receiving them for a full refund.

SPERRY TOP-SIDER®

TIE-CORP. • P.O. BOX 422, MANASQUAN, NEW JERSEY 08736

BASS BOAT ELECTRONICS

by Gary Caputi



As the average boat fisherman of today becomes more and more involved in using electronics to help take some of the guesswork out of fishing, many of them are buying depthfinders, temperature gauges and the like and taking on the chore of installing them on the boat themselves. Most of these units are not as difficult to install as you might think and with a little time, some basic tools and a few helpful hints, the job of completely rigging a small center console or an average bass boat can be accomplished in an afternoon.

I recently spent such an afternoon rigging all the electronics on The Fisherman's Fisher SV-3 Bass Boat and found that the job was made easier by planning and obtaining some easy to find accessories. Some of the methods I used, coupled with these handy wiring accessories might help you when you're ready to rig your boat or even just add an additional unit or two to the existing electronics you are already using.

Starting out with a bare bass boat, several boxes of electronic units and a sunny afternoon, the boat was equipped with a graph recorder, an in-dash flasher for high speed running, a surface temperature gauge, a forward trolling motor, mounted flasher unit and a pH monitor in just a couple of hours of work. When everything was done and all installations finished,

the boat was neat and the units were wired in such a way as to make troubleshooting easy, if problems occurred somewhere down the line and best of all, everything was working harmoniously. Let's take a look at the methods I used and maybe it will help you with your own installations later on.

Some simple planning can make installing electronics a much more manageable undertaking. First, lay out the units you are installing and think out just where you're planning to place them on the boat. When determining the placement of the units, for example, an in-dash unit like a temperature gauge or flasher, be sure to check the spots you choose before drilling holes for them. You don't want to start drilling before you determine if there is anything behind the spot you want to place the unit. Sometimes, the placement of the unit will have to be done around steering mechanisms or fuse panels behind the console. A wise old friend once told me to measure once, then measure it again and only then after you measure it a third time, make your cut or drill your hole.

Once you have determined the placement of the units on the boat, take out the wires and run them above deck to make sure you will have adequate wire lengths to reach your power source and enough transducer

wire length for depthfinders to reach the transom of the boat where the majority of transducer installations are made. Be sure to read the manufacturer's instructions for any useful suggestions or any steps that might be pertinent to that unit.

Laying out the units on the bass boat I worked on, I found that there were some handy short cuts that also made the installation cleaner. Since I planned to mount one of the flasher units at the forward fishing station in the bow of the boat along with the surface temperature gauge, I decided it would be simpler to run a power wire to a Perko power block at the front of the boat. The power block is a simple device that allows you to run several electrical units off a single power source. Since I wanted to use two units at the forward fishing station of the boat and was also planning on installing a small night light at a later date, a three unit block was selected. These power blocks are available at most boating stores and can be purchased in sizes ranging from three to as many as six power outlets.

With the power block positioned, I routed the wires that had to be run to the rear of the boat so the proper lengths of wire could be cut. The wires included the main power wires to the power block and the sensor wire for the surface temperature gauge. The transducer for the front flasher would be mounted to the base of the trolling motor, in typical bass boat style, so that would not be included in the wiring harness. Even though there is a battery in the front of most bass boats for the trolling motor, I avoid using it as a power source for electronics, since it has the heavy drain from the trolling motor and these motors can sometimes cause spurious reading on flasher and LCD units when they are turned on and off. For that reason, the power source for the front units is still the main engine battery located in the rear of most bass boats and either at the rear or under the console of most smaller center console boats.

With the wires laid out and measured, a harness is in order to keep them together and somewhat more protected. Wiring harness material can be a problem in a marine environment, so a little research was necessary. After talking with a few people about what to use, one criteria became the deciding factor. It's better to make a harness that allows the wires inside to breathe and dry out once they get wet than to use a harness material that will allow some water to get in and then keep it trapped. Some running around produced the ideal material. It had the added benefit of also being very easy to work with. Radio Shack has a harness material that is a plastic spiral-cut tubing that will hold the wires together, but because of the spiral construction, will let the wires breathe. It's inexpensive and is applied by simply wrapping it around the wires to be includ-

ed in the harness. When done, the harness is neat and easy to route.

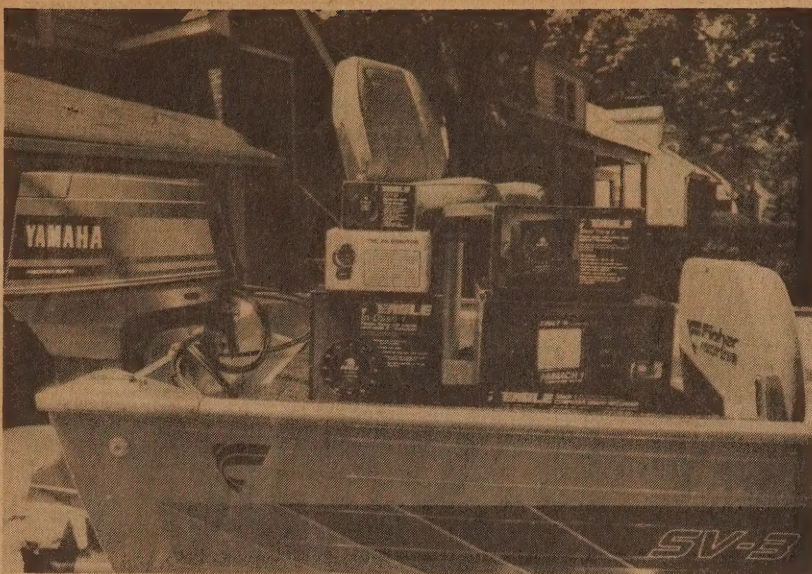
Routing the wires from the front of the boat to the battery in the rear can be accomplished in several ways, depending on the type of boat. Most boats that have decks and bilges like glass bass boats and center consoles will have access to the bilge area. The wires can be routed through the bilge, but they should be routed in such a way as to avoid having the wires laying in the bilge. The oil and water that accumulates there can eat away at the wires slowly. Using the type of cable ties that have screws at the end can help keep the wires off the bottom of the bilge. Attach the cable ties in easily accessible areas to the harness and screw them to the underside of the deck to keep the wires up off the bottom. When running wiring in an open tin boat that has no bilges, it becomes necessary to keep the wires off the bottom of the boat and protected. One of the best installations of this type I've seen was done utilizing a length of garden hose attached under the aluminum rub rail of the boat and then routing the harness through the hose to the battery.

In some bass boats, like the aluminum Fisher I was working on, I found it easier to unscrew a section of the deck and run the harness under the edges along the gunwales of the boat. Access to the bilge area on most aluminum boats like this is not easily accomplished, so an alternate method was necessary.

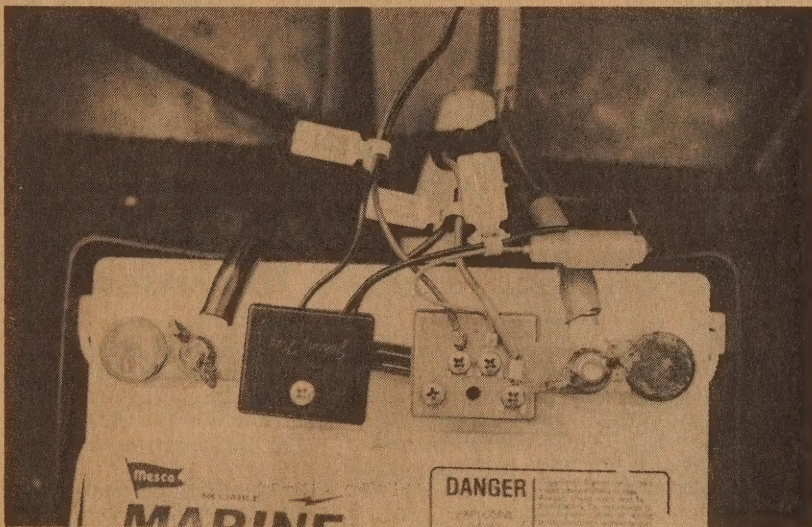
Looking over the main console of the boat after determining the placement of the graph recorder, the in-dash flasher and the pH monitor, I followed the same steps as used in the front section of the boat. Since the wires to be run to the battery included the two depthfinders (the pH monitor is operated with an internal 9 volt battery), I simply made up a wiring harness that included the two power wires and the single transducer wire that would supply readings for both the graph and the in-dash flasher. To run two units off of a single transducer, a transducer switch box was incorporated. Most electronics companies offer a switch box for this purpose. It can be handy and save the mounting of extra transducers on the transom of the boat.

With this harness made up and ready to be run to the rear battery box, the hard work was completed. Even aluminum boats like the Fisher have wiring tubes or channels for the steering cables and engine control box wires to run to the rear of the boat. This is the easiest place to run this harness to the battery. The next problem to confront is how to attach all these wires to the battery without it looking like spaghetti. I found a handy little device made by Brell Mar Products, Inc. and marketed under the name Johnny Ray Accessories. It is a gang connector that screws onto the battery terminals and provides you with screw terminals to mount four

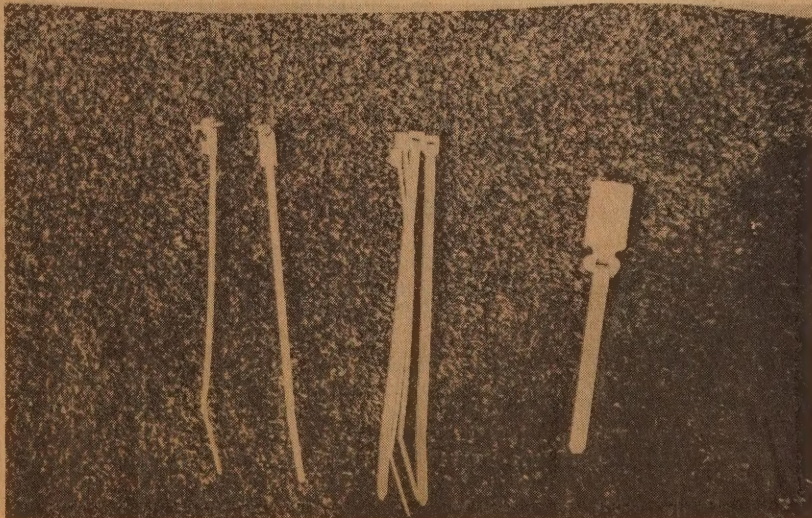
(Continued on next page.)



Making these "boxes" work for you is the key to more productive fishing.



All wires run to the main battery and a Johnny Ray gang wire mount for ease of troubleshooting.



These handy installation helpers, found at a local Radio Shack, include the screw type, label and standard cable ties.

FISHING FOR FLUKE



DON KAMIENSKI • SCOTT SIMONS
The Fisherman

FISHING FOR FLUKE

by Don Kamienski

112 pages - Rigging baits, tackle selection, drifting methods, trolling, tricks for big fluke, casting artificials, structure fishing, chumming, the "drop Back", best rigs, bay techniques, deep water fluke.

\$4.95 each plus \$1.00 shipping

Christmas Gifts from the Fisherman Library

339 Herbertsville Road., Brick Town, N.J. 08724

FISHING FOR TROUT



ANDY GENNARO
The Fisherman

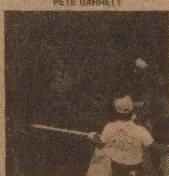
FISHING FOR TROUT

by Andy Gennaro

112 pages - Stream fishing, fly emergence tables, bait fishing, lake fishing, stream reading, tackle choices, steelheads, sea run trout, new lake methods, lure fishing, trout through the seasons, spin, fly and bait tips.

\$4.95 each plus \$1.00 shipping

FISHING FOR SHARKS



PETE BARRETT
The Fisherman

NEW
EXPANDED
EDITION

FISHING FOR SHARKS

By Pete Barrett

132 pages - Locating sharks, rigging baits, tackle selection, shark biology, mounting the jaws, drift methods, anchoring techniques, structure fishing, chumming - offshore and inshore, bays, flats and bluewater.

\$7.95 each plus \$1.00 shipping

FISHING GUIDE



PETE BARRETT
The Fisherman

NEW
EXPANDED
EDITION

NEW JERSEY SALTWATER FISHING GUIDE

by Pete Barrett

132 pages - Charts and Loran numbers for hot spots from Cape May to Sandy Hook, launch ramp list, chapters on rigging for striped bass, weakfish, bluefish, fluke, flounder, mackerel, blackfish, tuna and marlin.

\$7.95 each plus \$1.00 shipping

FISHING FOR BLUEFISH



AL RISTORI
The Fisherman

FISHING FOR BLUES

by Al Ristori

112 pages - Chumming and bait fishing, tips on trolling with wire, tips with downriggers, best lures for surf and jetty, offshore structure, finding blues with electronics, jigging tips, chunking choppers, tackle selection, tying rigs.

\$4.95 each plus \$1.00 shipping

Send check or money order to The Fisherman Library

power wires for electronics accessories. I also located another type of cable tie at Radio Shack that can be of value for troubleshooting should you have any problems with your electronics sometime down the road. With these different sets of wires all attached to the battery, what do you do if you want to check connections or disconnect one unit's wires to work on it? This cable tie has a label on it which can be marked with the unit that it is supplying power to for just such a situation later on. When your wires are all attached to the battery, they will be neat, leading into pre-routed harnesses and they will all be labeled for easy troubleshooting. The installation is clean and makes future work on the boat and the units easier.

Probably the biggest headache encountered by a do-it-yourself electronics installer is getting the transom mounted transducer to provide good high speed readings. Most transducers, regardless of manufacture, are similar in size and shape. If good resolution and readings at the boat's running speed are important to you, the only one method will give you what you want. Forget about flush mounting the transducer with the bottom of the hull. This installation method will cause air bubbles to gather under the transducer during high speed running and that will cause you to lose your bottom readings. The mounting method that will alleviate the problem is to run the transducer with the pointed side forward and locate it on the transom with its bottom riding 1/4 to 1/2 inch below the bottom of the hull. It will create a minimal amount of drag in the water and will provide clear high speed readings. Another hint on getting the best readings is to angle the back of the transducer slightly downward since most boats run with the bow up slightly when under power. The exact angle can be adjusted once the boat is in the water with just one nut and bolt. You can do this adjustment and then run the boat to find the optimum degree of angle necessary to get the best high-speed readings.

On glass boats, be they center consoles or bass boats, the added option of a thru-hull mounted transducer is available. The directions with the units will provide the information for this operation, but be sure you have an area of the hull that is single wall fiberglass. This type of thru-hull installation will not work in a live well or when used on glass boats that have sandwich hull construction like Boston Whalers. These boats are built with foam between two layers of fiberglass and the foam will not transmit the signal from the transducer through the hull.

When all is said and done, the installation you can accomplish at home will be as clean and professional as the time and planning you put into it. These hints and tips should help you avoid some of the pitfalls that are found when mounting your own electronics.

SHAKESPEARE'S PACKAGED KITS

THE PERFECT GIFT FOR CHRISTMAS

**NOW WITH
MAIL-IN REBATE
DIRECT FROM SHAKESPEARE**

Shakespeare® Spinning and
Spincast Kits.
Rods and reels for every level of
fishing expertise

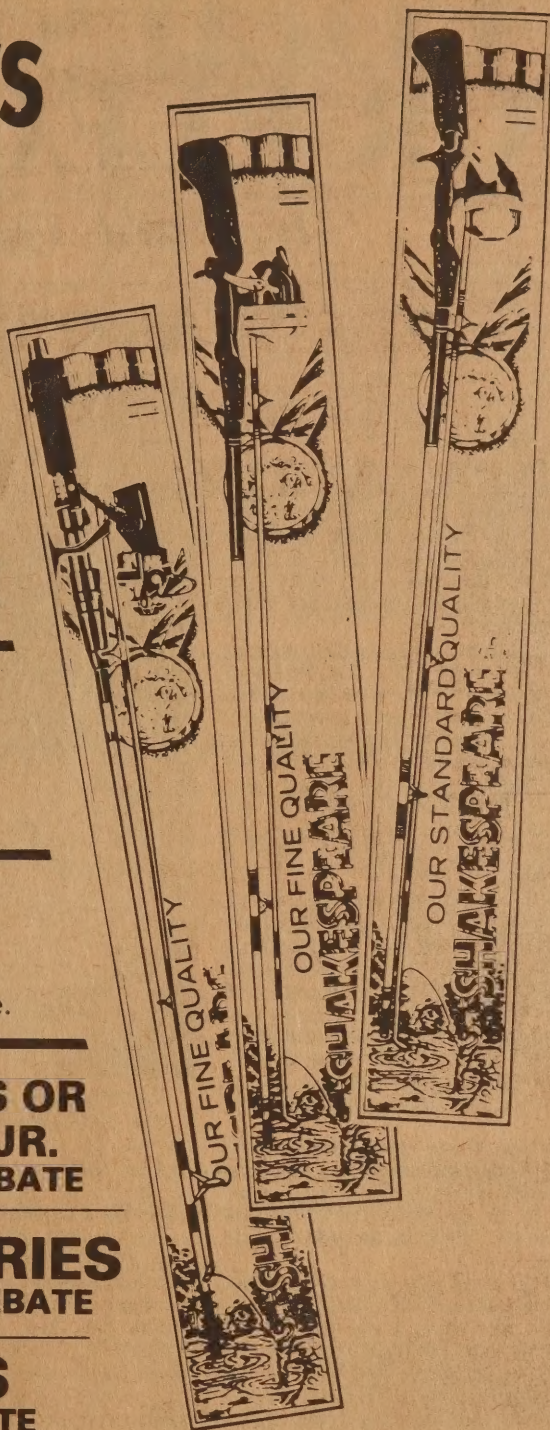
November 17, 1985
through January 4, 1986,
buy one of the featured Shakespeare kits
and get a rebate direct from Shakespeare.

**SPECIAL
CHRISTMAS
PRICE!**

**GOLD SERIES OR
UGLY STIK JR.
\$5.00 MAIL-IN REBATE**

**SILVER SERIES
\$4.00 MAIL-IN REBATE**

**BRONZE SERIES
\$2.00 OR \$3.00 MAIL-IN REBATE**



ON SALE AT THESE PARTICIPATING DEALERS!

J & J BAIT & TACKLE
265 W. MAIN STREET,
PATCHOGUE, N.Y. 11772
(516) 654-2311

BAYVIEW MARINE & TACKLE
BAY STREET,
SAG HARBOR, N.Y. 11963
(516) 725-0740

GARAN'S SPORT SHOP
1708A WEST SUNRISE HWY.,
MERRICK, N.Y. 11566
(516) 378-9251

JOHN'S GUN & TACKLE
10 MAPLE AVENUE,
NEW ROCHELLE, N.Y. 10801
(914) 632-0645

BOLTON'S TACKLE
300 MAIN STREET,
PT. WASHINGTON, N.Y. 11050
(516) 883-3958

THE OUTDOORSMAN, LTD.
2000 BIGLER STREET,
FT. LEE, N.J. 07024
(201) 461-4973

ALLEN'S SPORT SHOP
249 NORTH AVENUE,
NEW ROCHELLE, N.Y. 10801
(914) 235-3430

COLD STORAGE FOR ELECTRONICS

by Capt. Greg Venturo

We all worry about how our engines and boats will hold up over the long winter months and I'm sure many of you, like myself, make quite a few trips down and check out our babies. We all want to make sure they are resting comfortably.

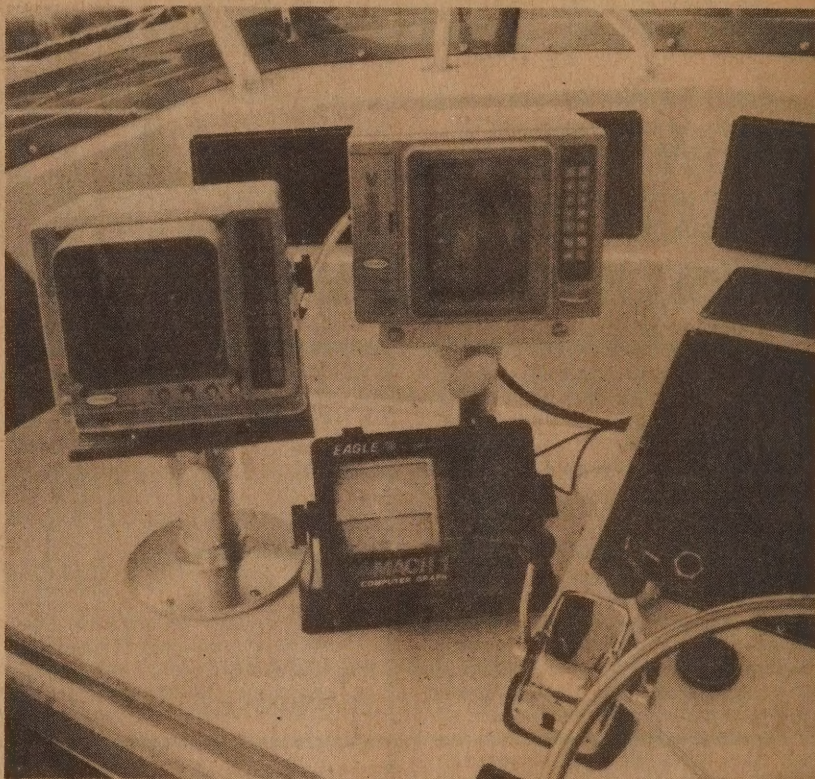
The engines are all winterized and sprayed down with WD-40. We put antifreeze in the water tanks so we don't have any split lines in the bilge in the spring. We wax and maintain our canvas. But how many of us take off our electronics and just put them in the garage.

Come on, you probably have a piece or two down there right now. Now you might say, so what, what's the big deal. We all spend some pretty hefty bucks on fish finding equipment, radios and the like. We just don't tell the wife how much they really cost. As far as my wife knows, my X-16 was only about 75 bucks, including a case of paper, two transducers and a switch box.

Electronics do need winterizing. Winterizing your gear can be done two ways. The first and the easiest is bringing them to your local electronics shop and having them put the units to sleep for you, or you can do them yourself. The actual winterizing is not very hard and the care of your connections on the boat are sometimes more important than the gear itself.

Once you have removed the electronics from the boat the easiest way to prevent springtime fire-up problems is to protect your electrical connections. This is a very simple process.

After you remove your plugs from the gear spray them down with a moisture displacing spray like WD-40 or CRC56. Let the liquid stay in the prong and adapters and then put a fine coat of grease on the male prongs and female connections. Now wrap them in a plastic bag with a silica package inside it and seal the bag as tightly as possible with as little air inside as you can. The silica bags will absorb moisture that might build up through the course of the winter and cause the connections to rust. The bags can be bought at most electronic hobbyist shops. Now one thing you must do is to disconnect your batteries from the connections. The grease will act as a conductor of electric if you don't. If you wet storage your boat, disconnect them at the fuse or fuse panel.



Treating your electronics with a little TLC now, will ensure trouble-free use during the season.

While I have fuses and fuse panels on my mind, don't forget to spray them down also. When the spring comes, loosen all connections at the fuse panel including grounds and brush off any corrosion that might be on them. We have all seen when copper gets that green coating on it. Believe it or not, that's enough to break the current and make you go nuts looking for something more complicated than that.

This past summer I was guilty of just that. My radar had an intermittent power loss problem. We replaced printed circuit boards and checked the hot side of the power connection, but never checked to see if we had a good ground. Guess what? We didn't. Cleaned up that green stuff off the ground wire and that was that. I guess you get the picture. Keep the stuff on the boat lubed, dry and free of corrosion.

Taking care of your electronics is very much the same. The first thing you should do is to clean off the gear

with a damp cloth to remove any dirt and salt from the units. Then wipe down with a dry rag. Now spray the gear down completely with a moisture displacing spray. Use another rag that will just be used for the spray and wipe down the unit making sure you have a nice even coat of silicon or oil on the whole unit. Not very heavy, mind you, but just enough to feel slippery. The reason for the three rags is so we don't contaminate the units once we clean them.

If you feel you have enough skill and you want to open up your units, you can do some more work. Let's take chart recorders first.

Chart recorders are very easy to get into. We all have to change paper, so we have easy access right from the start. Open your unit and remove the paper from the spindles. If you want to do this really right, go to a camera shop and get a brush bulb—which is a brush with a bulb at the end. When you squeeze it, a puff of air comes out. This is great for getting all the

carbon out of the machine that builds up when your stylus burns the paper to make those marks. Get it out of all possible places. Once you have it all cleaned out, a very light spray of silicon will do nicely. Again, if you have a silica pack, throw it right into the machine and close it up. If you still have the original box, put it back in. Do not place it in a plastic bag as this will collect moisture.

VHF radios: Again the process is about the same as with recorders, but you will not be cleaning out any carbon. If you have had no problems with the set or reception through the season and no one complained of not hearing you too well or receiving you weakly, you are done. If this is not the case and you did have some problems, now's the time to take it to the shop and let them check it out.

Radar: I don't mess with radar. Sometimes I still wonder how I even turn it on. I still do take some precautions with winter storage.

The visual display I clean and spray down. I open up my case and throw a silica package in it and seal it up again.

My particular radar has an enclosed scanner and I open up the radome and spray down my connection. Throw another silica package in it and seal it back up for the winter.

Color Sounders: I handle this the same way as my radar so I'm not going to repeat the steps again. Just keep them clean and sprayed down to prevent moisture build-up.

Lorans: The procedure is very much the same as radar and colorsopes. Some people will remove the coupler. I have not done this on any loran unit I have ever owned. If it can stay dry all spring, summer and fall I guess it can stay dry all winter. They are sealed so well you can't even find a place to put a silica package. I remove my antenna and put a little grease on the threads, then place it back into the coupler and tighten it up.

Now the electronic shops can do all of this for you. Some, who have the know-how can check for calibration, frequency measurements for VHF channels and a whole other array of stuff I can't spell or tell you what they mean even if I could spell them. The bottom line here is if you have had some trouble with some of your gear, let a qualified technician check them out for you and store them while he's at it.

When you do get done winterizing your electronic gear, do not go out to the garage and put it on a shelf. Even though you may have a silica package inside, the constant temperature change a garage has will create a lot of condensation inside the unit itself. You should always store your electronic gear in a stable and dry temperate area, like a closet in a frequented area of the house.

Follow these basic steps and you'll find a lot less headaches on that first trip this spring. I wonder if my wife would believe that an auto pilot only cost 75 bucks?

CHRISTMAS SALE!

AT A PRICE YOU CAN AFFORD!

World Leader in Loran-C Technology!



MICROLOGIC LORAN-C

EXTRA-COMPACT, SUBMERSION PROOF LORAN C. MOUNT IT ANYWHERE! Works so effortlessly, make you look like an "Old Pro" for the first time you use it. Simplified keyboard and advanced operating system takes the mystery out of navigation.

ML-7500

- Simplified keyboard and operating system for easier operation
- 125 Waypoints
- 26 Point "SAVE" function lets you store your present location with a single keystroke
- A high performance Antenna Coupler with two extra notch filters in standard equipment
- A "Backspace" Key lets you easily correct input errors
- Automatic Error Correction speeds and simplifies operation

List \$1,395.00

SALE PRICE \$1,050.00

ML-5500

- Latitude/Longitude • Elapsed distance
- Range Bearing to 59 Waypoints
- Graphic steering display
- Large backlit, color-coded keyboard
- Dual 8 digit half-inch LCD display
- Waypoint can be entered & read as TDs or Lat/Lon
- Cross track error time-to-go
- Speed over the bottom
- Course made good
- Two point range and bearing
- Autopilot output in standard equipment (NMEA0180)
- Waypoint arrival, anchor watch and cross track error alarms

List \$1,095.00

SALE PRICE \$850.00

For Telephone Orders: IN N.Y. CALL: (718) 934-6384 • OUT OF N.Y. CALL: 1-800-221-3092



SHORE MARINE

3075 Emmons Ave., Brooklyn, New York 11235
Store hours: 10:00 A.M. - 6:00 P.M. Tuesday through Saturday
Closed Sunday and Monday



electronics

Call for information or technical advice • Prices subject to change without notice

Pipe Welders®



OVER 25 YEARS
EXPERIENCE IN
FORT LAUDERDALE, FL

WORLD'S FINEST NAME IN CUSTOM
ALUMINUM & STAINLESS MARINE EQUIPMENT

Tuna Towers
Marlin Towers
Half Towers
Outriggers
Pipe & Box Davits
Masts & Arches
Controls & Steering

Fishing Towers
Suntops
Leaning Posts
Rocket Launchers
Tackle Lockers
Instrument Boxes
Chocks & Strongbacks

Custom Fabrication and Installation
at Your Dock or Ours

OUR NEWEST LOCATION
Ocean Drive at U.S. HWY. 109, Cape May N.J. 08204 • 609-884-2000

PIPE WELDERS INCORPORATED
413 S.W. 3rd Avenue, Ft. Lauderdale, FL 33315
(305) 764-2345
NEW JERSEY • MOBILE • NEW ORLEANS • MIAMI

TOPAZ

"THE TRENDSETTER"

NOW ON DISPLAY
THE NEW 32'
TOPAZ!

Now avail. in 29', 32', 37' & 38'

Eastern's L.I.'s
ONLY
Topaz Dealer!
We are taking
orders for '86 boats now!



MONTAUK MARINE BASIN
West Lake Drive, Montauk
P.O. Box 610-LF, Montauk, New York 11954
(516) 668-5900 Ext. 124

ELECTRONIC EFFICIENCY

by Eric Burnley

The vast majority of anglers who own boats also own some amount of electronics equipment. It may be a small flasher on a portable boat or a vast array of everything from radar to a water temperature gauge on the most sophisticated offshore fisherman. Regardless of how much electronic equipment is on your boat, unless you know how each one works and how to combine the information from each to find fish, all those little boxes will be nothing more than expensive ornaments.

The first thing you must develop is a sense of where the fish will probably be on any given day. This usually requires experience, but a study of fish habits, history, recent fishing reports, the tide tables and expected weather conditions will give you some idea of what to expect. There may come a time when you simply select the species of fish you want to catch, select the proper program for your on board computer, then sit back and relax while your electronic equipment puts you over your quarry. Until the time that system becomes a reality,

we will have to do some of the thinking ourselves.

Let's look at the basic setup in most boats fishing the ocean or bays. They have Loran, VHF radio, some sort of depth finder such as a flasher, LCR or graph recorder and a surface temperature gauge. Taken as individual units, these pieces of equipment will help you find fish, but when used together as a system they reach their full potential.

Unless you are some sort of electronics genius, you must study the operator's handbook supplied with each piece of equipment. Don't skim read it. Study it and then keep it on the boat. As you gain experience in operating your electronics you may want to try new ways to use them and the operator's manual can help. This little publication is also very useful when the equipment malfunctions as most of these books contain some sort of troubleshooting guide.

In addition to the operator's manual, you must have an NOAA chart for the area in which you are operating. You can also purchase

charts from various companies listing known hotspots, Loran numbers and compass headings, but these do not replace up-to-date NOAA navigational charts.

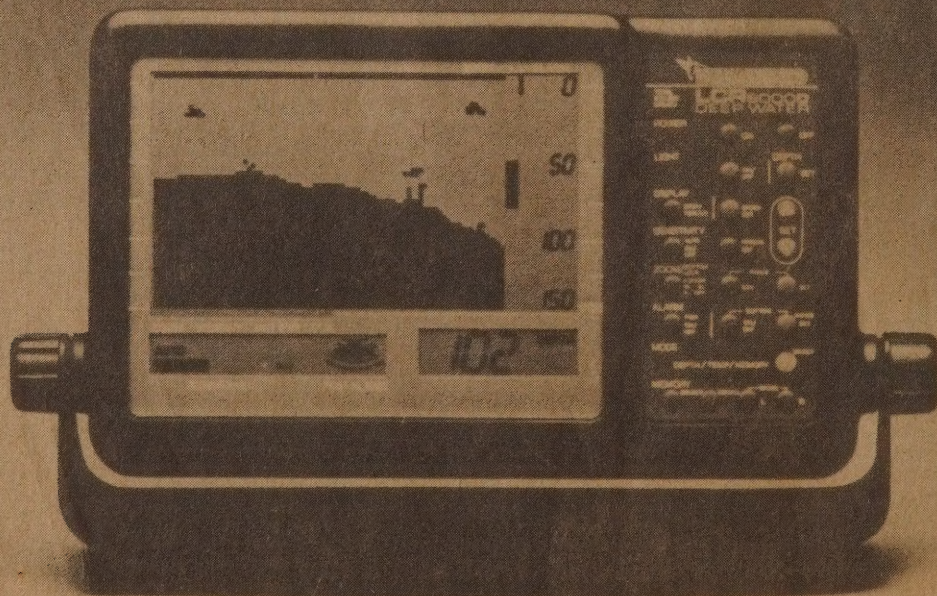
I fished for many years with only a compass and a NOAA chart. Now that I have several pieces of electronic equipment, I don't want to go back to the old system but learning to use the charts has been a big help in getting the most out of my electronics.

A typical day of fishing might begin with a run to some numbers on the Loran that produced fish on the previous day. If you were actually on the spot the day before, you are a few steps ahead; but if you got the numbers from another fisherman, you will do some work before you leave the dock.

The first thing I do is find the numbers on the chart. I try to figure out why the fish were there and if they will still be there today. Keep in mind if the spot was hot yesterday it will probably be crowded with fishermen today.

If the fish were on a lump, are there similar lumps in the area? If they were along a dropoff, are they likely to move further along the drop or stay put? I will seldom run directly to yesterday's hotspot, but will run to a nearby area that holds like structure. This helps me find out if the fish have moved and keeps me away from the fleet. The chart will show me where this structure is located and the weather, tide and season of the year will give me an idea in which direction the fish may move.

As an example, if we are looking for blues in the fall along a ridge, I would



The Humminbird LCR 8000 will be able to store several screens of information for later reference. You will also be able to keep track of the water temperature on the same screen.

run to a pair of numbers south of the previous day's activity, turn on the depth finder and if no fish were showing, begin to troll towards the north. I would use the Loran and depth finder to stay over the dropoff. Some anglers will continue to run at speed with the depth finder on until they register fish under the boat. I troll while searching because the best depth finder in the world can't cover the same territory as six lines fished at various depths and spread on outriggers.

I run a set trolling pattern by putting my Mico Loran in the steer mode between my current location and the numbers from the previous day's activity. I steer a zigzag course, keeping a uniform distance on either side of the ridge. The Humminbird LCR tells me the water depth and shows me if any fish pass under the boat. I use the VHF radio to monitor fishing success from other boats in the area, but I only use information from those anglers I know and can trust.

The same system can be used when fishing for marlin and tuna with the temperature gauge playing an important role. Pelagic species are very sensitive to water temperature and if yesterday's hotspot is no longer warm you had better look elsewhere. Surface water moves with the wind, so begin your search with the breeze to your back.

When fishing for bottom species over rocks and wrecks, you can use the Loran and depth finder to save lots of time. The Loran will put you directly over the structure and the depth finder will tell you if any fish are there. If nothing shows up don't take time to anchor, instead move to the next location and repeat the process.

Record keeping is another important part of the system. When you are drifting or trolling and begin to catch some fish, hit the *store* button on the Loran and make note of the depth finder reading. The 1986 model Humminbird 8000 will be able to store several screens in permanent memory. The Lowrance recorders will interface with your Loran and print the numbers over the bottom reading on the graph paper. All of this information should be recorded in a permanent log. I usually wind up with it scribbled in the margin of my chart, but there are log books designed specifically for this type of information. A notation about the weather, water condition and stage of the tide is also helpful.

Information is the name of the game. The Loran gives you information about your location, the depth finder lets you know what's under your boat, the radio keeps you informed about other anglers activity, the temperature gauge tells you the surface water temperature and the NOAA charts give you a permanent picture of the area you are fishing plus the Loran coordinates. Taken separately, they can be useful; but when you put them all together you have the ultimate fish finding system.



A complete complement of electronics will pay off in better scores for anglers who can master the "system."



Pelagic species are extremely sensitive to water temperature, making a water temperature gauge a vital piece of equipment for offshore anglers.

LIFE WITH LORAN

by Tim Coleman

**From little "tin boats" to canyon runners,
these little black boxes can make you a better angler.**

If ten years ago somebody told me I'd have a Loran set in my tin boat I'd though he had me mixed up with a wealthy, honest Republican. But, times changed, technology advanced and prices came down. As the dollars needed tumbled down in my direction, I bought one for my spiffy, prestigious, ultramodern, magnificent, bass hunter—a 14 foot tin boat nicknamed the Hatteras 55.

Why might you ask, would someone install a Loran in such a small boat? The first reason was secrecy. Other fishermen never noticed my little sneak boat bobbing about after

dark on some of the inshore rips. They overlooked what they didn't notice. The second reason was foggy glasses and accuracy. Prior to getting contacts, my glasses always seemed to cloud over about the time I most wanted to make the same drift over the same section of reef. When you can't see the shore, you can't get land ranges, hence the little box with red, digital readouts. It can be as misty as it wants now since all I do is watch the Loran readouts to know where to start and end a drift. After two years of Loran we can certainly give a tip of our patched, Navy watch cap to its

effectiveness.

Don't let all the displays on the face of the unit scare you when you first study one. Loran and my Ford Escort have two things in common: I can't explain what makes them tick, but I can turn each one on and have them take me where I want to go. If you can read an instruction book and drive a car, you can run a Loran.

The installation was done by a local guy. Like all other electronics, it should obviously be kept out of the weather. Since Hatteras 55 already had a small, wooden, custom console on the middle seat for chart recorder, it was easy for the electronics people to mount the Loran in there next to the paper machine. Having both side by side is an asset since you can scan the bottom and readouts with one glance.

The unit selected for Hatteras (nothing is too good for her) was the MLX model from SRD Labs. It was chosen because of a boat show special, help from a local dealer and the red readout, which was a big plus for someone with my eyes. Just after the unit was installed, a proficient lady fisherman stopped by and asked what the heck I needed one of those things for? People's perception of Loran is changing though. It's now something for the inshore fisherman as well as the offshore cruiser.

Along with installing the Loran inside the console they also put a collapsible antenna on the side of the box. Since most of my fishing is done in the dark, few people noticed the 8 foot antenna sticking out from such a small piece of tin. During daylight it's been somewhat of a problem when curious fishermen came close to investigate. When not in use I put a plastic trash bag over both Loran and chart recorder to keep them out of sight of prying eyes.

After installation, take your boat out and turn the thing on. What you have is a radio receiver that picks up two sets of signals coming into your receiver at approximate right angles. The six digit readouts of those two signals determine your location along the two lines of position. Once your receiver gets locked onto the signals you move your boat this way or that depending on the numbers. As turned one way or the other the numbers, both top and bottom, go up or down. Depending on which way the numbers



Author's reason for getting a Loran was nighttime bass fishing on some inshore reefs.

go is the way you go. This part of it takes a bit of practice, but it's something you can get down in an afternoon. My practice took place on a calm, April Tuesday, long before the bass fleet (what's left of it) was out. After a couple such trips, I had a series of bearings for reefs we used to fish by land ranges.

With technology advancing as quickly as it is don't be surprised if the unit you buy one year is replaced the next by a slightly updated version. Just because you don't see your unit at next year's boat show is no reason to think you got a lemon.

After a couple trial runs, I was ready to fish one June night. The bearings taken earlier led me right to the top of a reef on a dropping tide. It was then child's play to run uptide of the hump, and drift back, noting the Loran readout once we cleared the backside of the rock pile. From then on it was a matter of following the numbers to maintain the same drift each and every time.

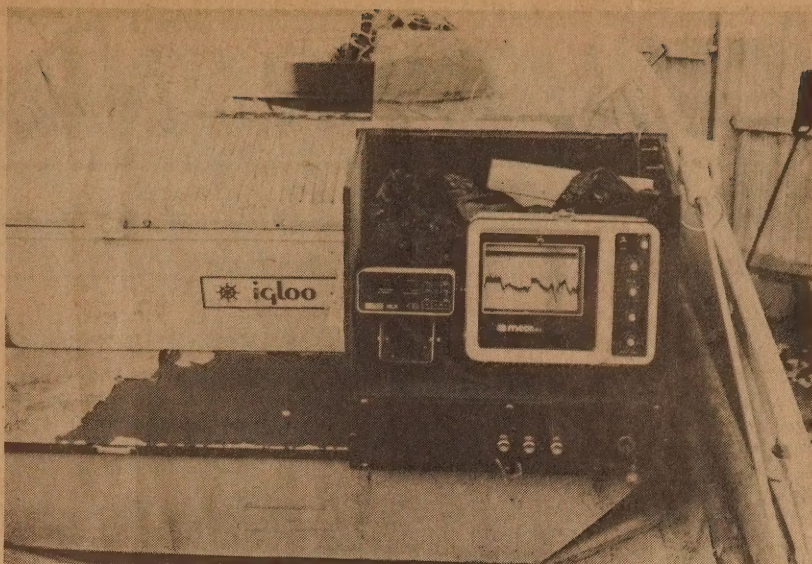
One trick that works some nights is locating a section of reef where fish might first move up onto as they travel around. This is usually, but not always, a deeper edge. By fishing such an edge we could sometimes intercept fish as they first came on the reef to feed. On other nights some boats off to the east on the high point of the structure caught fish we never even spotted.

On dark nights the bright red readout is easy to see, but also gives your location away. To cut down the light we took the same plastic trash bag and slipped it over the front of the Loran. This reduced the light yet we could still see the readouts. Bass guys are a sneaky lot; it's an acquired vice.

While my motive for Loran was nighttime bass fishing, these units will fit the needs of any number of fishing situations. Down off Westbrook, Connecticut, there's a mid-Sound hump nicknamed the Boils. Once you get numbers for it, you can drift it until you go looking for the sunken barge off Milford, Connecticut. If you tire of that, you'll maybe hunt up a diver to put the arm on him for numbers of the wreck of a steamer sunk off Watch Hill. Back in September this wreck was loaded with jumbo blackfish.

People in Massachusetts have long used Loran to find mussle beds around Crab Ledge or perhaps the small wreck on Stellwagen Bank. If you scan a chart of Boston Harbor and approaches you'll note many, many wrecks in deeper water. I'll bet a gross of Needlefish that some of those are spring codfish bonanzas for people willing to hunt them up.

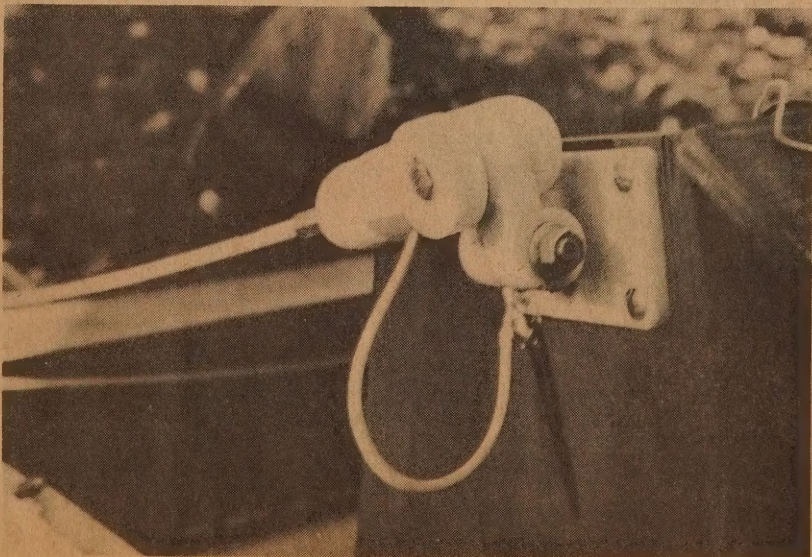
Someone once told me the success with race cars was dollars. He said speed cost money, how fast do you want to go? If you are looking to be a little "faster" with finding fish, then I'd suggest you check out the possibilities of Loran. Heck, if it's go enough for a Hatteras 55, shouldn't you have one in your rig?



Loran unit mounted in a custom console on a 14 foot sneak boat.



Don't let all the displays on the face of the unit scare you. Most fishermen can run a Loran.



Antenna folds back when not in use.

SIGHT/SOUND LURE METER

by Jim White & John Jollie

This year we had the opportunity to test Advanced Marketing Inc., Sight/Sound Lure Selector, Model ss100. A device which gives you a light reading up to 18 feet and will also suggest what type of lure might be more effective for different light readings.

Trying to judge this while in the field has always been a problem for most fishermen, if not almost impossible. Most of the time the human eye just can't pick up water tone changes after the first foot or two. This meter does that for you and quite well we might add.

What we had thought to be a clear water lake which we fish often, turned out to be many different things after a few readings. Some areas were clear, some not and others which were only

10 feet deep or so, showed a very diminished light penetration at six feet and then back to good visibility at the 8 to 10 foot level. This was probably caused by a plankton layer at six feet.

Recent studies show that fish have the same five senses as humans do: sight, hearing, feel, taste and smell. Further studies have indicated that sight and sound are the two most important when it comes to feeding.

This is what led to the development of the Sight/Sound Lure Meter. Its function is to tell you whether the fish is feeding by sight or sound and which lures will be more appealing.

Let's take a look at sight and sound to better understand what takes place. First sight, naturally with

enough light present a fish will feed by sight, but take it away or diminish the light and he will immediately switch to feeding by sound. This probably happens because sound travels about five times faster in water than in air. To better clarify what a fish must put up with, a human eye has an iris or diaphragm which will change (open or close) with changing light conditions. In a fish, its iris is fixed and takes a longer time to adjust to changing light, so anticipating changes in advance is important to the fish.

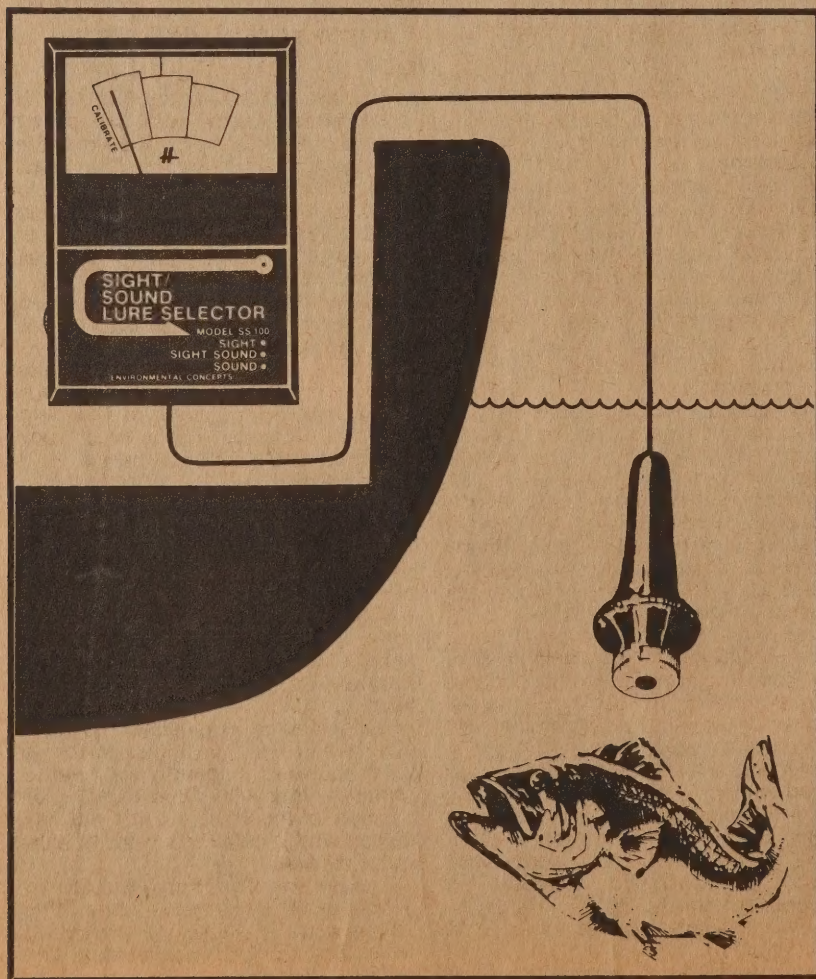
Picking up the sounds from within the water is done by the fish's lateral line down his side. Through this system the fish feels/hears low frequency vibrations or sounds carried through the water. This is so extremely sensitive, a fish can detect the subtle movement of a minnow or plastic worm through the water when its range is about 30 feet away.

The lateral line has the ability to instantly pinpoint vibrations and know exactly which side it originated on. Sounds are pinpointed by exact compass points with this system. This is how fish locate their prey during darkness.

Buried inside the fishes' head are internal ears, which aid in detecting distant vibrations. They do not have openings such as we have. Sounds are transmitted to these internal ears through skin flesh and the hollow swim bladder. This internal system can detect sounds up to one mile. Even though sight might be impossible at a given time, the fish is still able to detect, search out, find and attack lures because of vibratory messages.

Lure manufacturers today are gearing their lures to just these principles, sight and sound. Many now offer natural finishes, which would be advantageous when lighting conditions are good and fish are able to see their prey. On the other hand, when light is insufficient and doesn't permit sight feeding, then the angler should switch to lures which make noise, so fish can pinpoint or locate the sound. These are known as rattle chambers in modern day lures. This can probably account for the great success of the Jitterbugs over the years. That has been the night fisherman's standby, ever since we can remember.

Our first day using the Sight/Sound Meter, we picked up on a mistake we'd been making for two years. Upon reaching a spot we always fish early in the morning, we took three readings in three different locations. All showed poor light penetration and the need for sound lures. Well, we had been fishing "stick" type baits. Steve and I had been using Heddon Zara Spooks in blue shiner 5/8 oz., while John had been using a blue chrome Dog Walker by Whopper Stopper with built-in rattle chamber. During the past two seasons John had always outfished the both of us including taking the biggest fish, a



7½ lb. beauty. We had always thought that John was just doing something a little different or that it was his chrome finish that accounted for his success. It wasn't that Steve and I weren't catching fish, we were, just not as many. After the readings with the meter, we decided to switch to all Dog Walkers, in three different colors. After six times in the same area on six different occasions, we all took fish with no more than two fish separating each man. Now we can't claim that to be scientific, but it does make a good case for sound over sight in the darker water we were fishing.

This is where the Sight/Sound Meter really paid off for us. We'd have gone on thinking that we were fishing a clear water lake if it hadn't been for the meter. We used the principle in other areas of this lake and others we frequent and the results were always the same. After knowing the light conditions, lures could then be selected more carefully and precisely for the given conditions. By just looking at the water we weren't able to tell what the visibility factor was from top to bottom. What might appear clear on the surface might not be all that clear down below, where you might be fishing a plastic worm. In fact, visibility could very well be near zero because of an intervening layer of phytoplankton or zooplankton.

The Sight/Sound Lure Meter, through its light sensor probe, will tell you not only how much light is at any depth (up to 18 feet) but also indicate which lures to use under varying intensities of light. Also as natural sunlight varies from dawn to dusk, there might be little illumination down where the fish are due to the angle of the sun, cover density, water depth, etc. This is where you don't have to guess; the meter will tell you exactly how much light is present.

To use the meter is really very simple. On the face you'll notice it's divided into three light intensities or color coded zones. Zone 1 is yellow or high visibility; zone 2 is green or intermediate visibility and zone 3 is purple, or low visibility. Before selecting any lure, take at least three readings from bottom to top.

Before using the meter it will be necessary to calibrate it. It can be calibrated to the changing light conditions throughout the day. First, point the sensor probe directly toward the maximum light source, adjust the dial until the needle is directly over calibrate or re-set on the zero line. The meter is now ready for use. Remember, don't move the adjustment once it's set unless you recalibrate for another light reading.

To take the reading, lower the sensor probe to the bottom, then raise it about 6 to 12 inches. Take this reading and a reading halfway up and finally a third just below the surface. Should you get a yellow Zone 1 reading from top to bottom, use any of the zone 1 lures. The same applies if you get zone 2 or 3 readings all the way.



Serious bass anglers will find the Lure Selector a helpful addition to their arsenal.

In the event you get three different readings from top to bottom, then use the lure chart provided with each unit to determine what category of lures will most likely be most effective.

The lure categories are broken into ten groups, which the meter manufacturer obtained from a Sports Afield article. The categories are: slim minnows; jigs; surface spinner; crankbaits; deep divers; overhead spinners; weighted spinners; intermediate diver; weedless spoon and the plastic worm.

With zone 1 readings, almost all the lures in the ten categories will usually work. With good visibility it should be kept in mind that more natural finishes such as natural scale, perch, crawfish, pearly shiner, etc., work best. Try to stay away from very shiny finishes of metallics or extremely noisy lures. These can and will spook fish in gin clear water. In zone 2, all lures are effective. However, finish now should be changed to striped or spotted and flashy metallic surfaces are preferred. Retrieves should be slowed to medium and mixed with rod twitches to provoke strikes. Also recommended are crankbaits and overhead spinner baits with number two or three blades. Here is where two color worm combinations are effective, such as fire tails, or worms with dots. We've found purple with fluorescent fire tail to be very effective using this method in zone 2 readings.

In zone 3, sound becomes the most

important factor in attracting fish to your lures. Lures with a lot of vibration or those with built-in rattle chambers, will produce the most strikes. Slowing down your retrieve to keep the lure working and stop and go patterns will work best. Spinner baits with large blades in sizes 4, 5 or 6 get the nod in zone 3.

To be more effective, you should use this device as much as possible and become totally familiar with it. The more you use it the more results you'll see. Also, keep notes in your log (which you should be keeping already). Add readings to keep track of results and develop patterns.

This device was developed with the help of Homer Circle, Sports Afield's fishing editor. During his testing he noted that such a device would have little value to the casual fishermen who just fish for fun. If however, you take your fishing seriously you'll find the Sight/Sound meter to be very helpful in helping put together the puzzle of bass fishing. The manufacturer also claims the Sight/Sound lure meter will work in saltwater as well. We haven't had the chance to test it yet in saltwater, hopefully we'll get to sometime this year. After using it for a couple of months we don't see any reason why it shouldn't work in saltwater as well.

The unit retails for only \$19.95. To obtain more information about this device write to Advanced Marketing Inc., Box 21036, Cleveland, OH 44121.

FISHERMAN TIPS BY FRED GUARDINEER

A FRESHWATER LURE THAT WILL CATCH FLUKE!

LINE
TO
ROD

1 OZ. OR 2 OZ. EGG
SINKER... DEPENDING
ON SPEED OF DRIFT

BARREL SWIVEL

1 FT.
LEADER

3/8 OUNCE
WHITE FRESHWATER
SPINNER BAIT.

SQUID STRIP
BAIT

ADDED
STINGER
HOOK

ON A NORMAL
DRIFT THIS RIG WILL TEND
NOT TO HANG UP LIKE THE USUAL
RIGS AND IN MOST CASES CATCHES BIGGER
FLUKE...WRITES NEW JERSEY FLUKE
MAVEN KEITH DU BOIS WHO
SENT US THIS TIP.

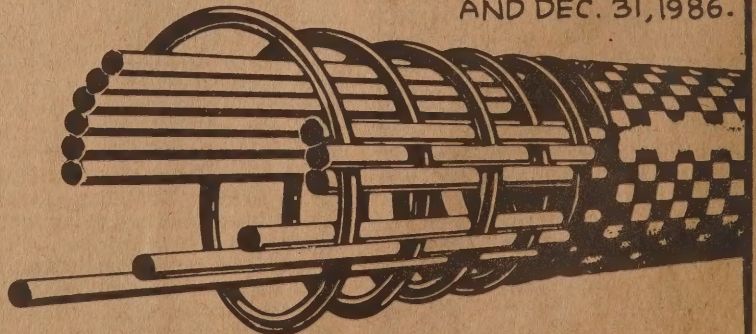
SEA ROBINS WILL OFTEN GRAB
YOUR BEST FLUKE OFFERINGS, BUT
YOU CAN'T BEAT DRIFTING WITH A
STRIP CUT FROM THE SIDE OF
THE SEA ROBIN. THE
BIG OFFSHORE
FLATTIES CAN'T
RESIST THIS
DELICACY.

LABORATORY TESTS PROVE THAT
FISH BECOME EDUCATED TO LURES THEY SEE
REPEATEDLY IN HEAVILY FISHED WATERS.
FISH THAT ARE HOOKED AND RELEASED
A NUMBER OF TIMES ARE
EVEN MORE LIKELY TO AVOID
LURES, BUT THEY WILL
LIKELY TAKE LIVE
BAIT.

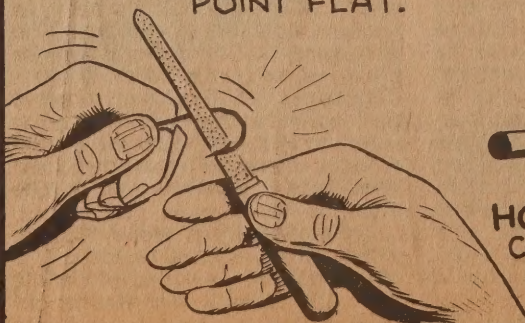
NOT
ANOTHER
NEEDLEFISH
PLUG!

A TRIANGULATED SHARP-
ENED HOOK HAS THE BEST
HOLDING FORCE, SO
ALWAYS SHARPEN THE
TOP OF THE HOOK POINT
ON TWO SIDES AT 45°
ANGLES AND HONE THE
BOTTOM OF THE HOOK
POINT FLAT.

THE NEW BERKLEY LIGHTNING ROD
IS REGISTERED WITH ITS OWN SERIAL NUM-
BERS AND CARRIES ITS OWN \$1000
WORLD RECORD OFFER AS FOR TRILENE
LINE. A \$1000 REWARD WILL BE PAID BY
BERKLEY FOR IGFA RECORD FISH CAUGHT
USING A LIGHTNING ROD BETWEEN JULY 1, 1985
AND DEC. 31, 1986.



HOW THE 100% RADIAL GRAPHITE ROD IS
CONSTRUCTED WITH LENGTHWISE AND CROSS
FIBERS INTERWOVEN. LIGHTNING RODS COME
IN 35 MODELS FOR ALL FISHING NEEDS.



East End REPORT

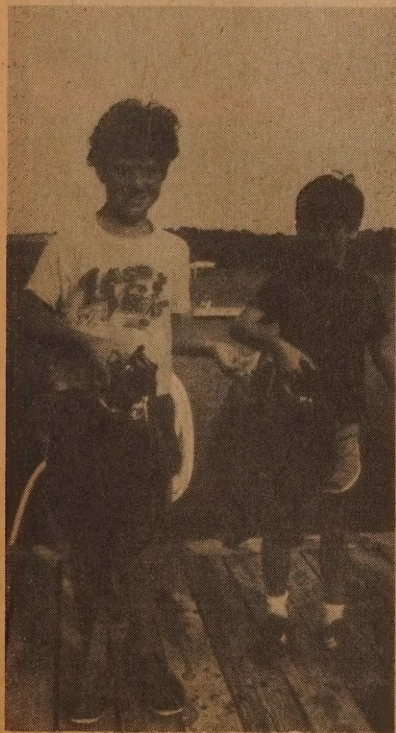
with Mrs. Lorry Mangan

Those who fished over the weekend were met by hungry blackfish at Fisher's Island, Block Island and areas south of the Point. A showing of cod at Block Island has spurred hopes of a late cod run. A few mackerel have showed. Flounder reports have come in from Heady Creek and Three Mile Harbor, catches made during sunny days. Only a few persistent bluefish remain, and dogfish seem to have moved to colder water.

MONTAUK

Captain Steve Mauss will be fishing blackfish and cod on the **Kraken II**, dependent on the weather, at least through Christmas. Weekend reports of blackfish and cod look good for a continuing season.

Captain Mike Bentivegna Jr. found blackfish biting the past two Saturdays for charters on the **Pronto**. On November 20th, two anglers hauled in forty blackfish top weight 12 pounds fishing at Fisher's Island. This past



John Mangano and Bret Heines with fluke to 7 lbs. caught at Montauk aboard the **Good Sheperd**. Subscriber photo.

MONTAUK POINT

We Guarantee Action!!!

VIKING FLEET

WORLDS
LARGEST
OPEN BOAT



COD - BLACKS - BASS 6 A.M.

Saturday, Sunday & Monday

Also Sailing Thursday & Friday,
December 26 & 27 at 6 P.M.

Last Trip for '85 is December 30 • 1st Trip for '86 is February 15
HEATED CABIN • HEATED FISHING RAIL

FULL RESTAURANT & ALL TACKLE ABOARD ALL BOATS!



Write to VIKING FLEET • P.O. 730, Montauk, N.Y. 11954 • 516-668-5700



SHARK FISHING CRICKET II

WE CAN TEACH BEGINNERS - WE HAVE TAUGHT
ALL THE EXPERTS!



BOOK NOW FOR
CHOICE '86
MONTAUK OR
HAWAII DATES.

FISHING KONA, HAWAII
FEB., MARCH & APRIL

WILL BE AT N.Y. BOAT SHOW, PENN REEL
BOOTH, 3rd Fl. • THINK HAWAII IS EXPENSIVE?

WRITE FOR INFO THAT SAYS "NO WAY!"

CAPT. FRANK
MUNDUS

(516) 668-2779

P.O. BOX 667, MONTAUK, N.Y. 11954

FOR THE LATEST FISHING NEWS
READ... THE FISHERMAN

CENTER MORICHES

GOD • COD
7 SEASONS'S GREETINGS FROM THE ALMA FLEET!
7:30 DAILY (sunday) '85
CAPT. RON SCHLWETZ
Sails from 133 Union Ave., Center Moriches, N.Y.

Saturday Joe Rad and his friends caught over fifty fish. Six cod top weight twenty pounds, along with blackfish to ten pounds. All fish were caught south of the Point. All signs point to a good winter cod run and the **Pronto** has a couple of dates available.

Plans to fish **Montauk's** southside were cast aside on Saturday because of the wind, however Kevin Reilly and Bill Witchy of Freeport found paydirt on the **Lori-Jay** at Southwest Ledge. Using green crab bait, the pair connected with fifty blackfish to ten pounds, along with four school size cod, also on crab. Just as Captain Jay announced that he was heading back,

THE ALL NEW TWIN TURBO CHARGED 640 H.P.

KING WAYNE

Member
M.B.A.
Member
M.C.A.



MONTAUK'S LARGEST
FASTEST, MOST COMFORTABLE
SPORTFISHERMAN TO CARRY UP TO 49 PASS.

NOW BOOKING FOR '86 SEASON

COD • POLLOCK • BLACKS • FLOUNDER
1/2 & Full Days • Overlighters • Canyon
Shark • Tuna • Marlin • Blues
FISH IN COMFORT • (516) 668-5843

41' CHARTERBOATS • 6 - 10 PASS.

BLUE FIN I & IV

40 YEARS EXPERIENCE IN EVERY
TYPE OF MONTAUK FISHING

BOOK NOW FOR
'86 SPRING

CODFISHING

Capt. Micheal Potts • Capt. John Potts
(516) 668-9323 (516) 668-5357

THE NEW 33'
LORI-JAY
LATE SEASON COD,
POLLOCK AND BLACKS
5 Man Limit • Warm, Comfortable Cabin
(516) 668-3248 • (914) 698-5562

Bill Witchy hooked a 41 pound codfish which ate a whole green crab baited on a blackfish hook! That's being in the right place at the right time. The **Lori-Jay** will be fishing into the winter as long as the weather allows.

Captain Paul Forsberg reported that about a dozen cod along with many blackfish were caught on the **Viking Starship** on Saturday near Block Island. Sunday's trip to the Moranda Wreck was productive. David A. Monard of Valley Stream won the pool with a 32 pound cod, a total of 12 cod were caught on the boat. A 24 pound pollock was caught by Nicholas Leontitis of White

BAIT & TACKLE

★ L.I.'s Complete Saltwater Fishing Tackle Pro-Shop ★

CUSTOM RODS
WITH LIFETIME
GUARANTEE ON BLANK
AGAINST BREAKAGE

**SAME DAY ROD
OR REEL REPAIRS**
NO EXTRA CHARGE
• AVAIL. EVERY DAY

SERVICE & REPAIRS ON ALL
DOMESTIC & FOREIGN REELS

"From Bay to Blue Water"



Sea Isle
SPORTS
CENTER, INC.

**LIVE & FROZEN
BAIT • CHUM**

OPEN 7 DAYS

Mon.-Thurs. 9-6
Fri. & Sat. 9-8 • Sun. 9-5

• Pompanette chairs & Tackle
• Lee Outriggers • Coleman
Warranty Sta. • Custom F/G
Outriggers & Alum. Gin Poles
And Lots More

Ron Feuring Sr. & Jr.
(516) 868-8855 or 868-8898



Matt French shows a huge 15 lb. tiger shark he caught back on Sept. 17th aboard the Montauk open boat, "Lazy Bones."

WALT'S WALKERS

with 12 hardened steel cleats

Dealer Inquiries Invited

P.O. Box 32, Manahawkin, N.J. 08050

- Jetty Jockeys,
- Ice Fishermen
- Rocky Stream Fishermen



**LARGE SELECTION OF
LAMIGLAS & FENWICK BLANKS**
40% OFF LIST

Complete Line of Rod Building Components
Fresh & Frozen Bait

Ande Line • Mustad Hooks
Helly Hansen Foul Weather Gear
Sperry Top Sider Shoes and Boots
Diamond Jigs and Bait Tails
Specially priced by the dozen

On the Waterfront • Sheepshead Bay
**MIKE'S TACKLE
SHOP**

2201 Emmons Ave., Bklyn • (718) NI6-9261
★ Open 7 Days ★

ROCKY POINT FISHING STOP

30 BROADWAY, ROCKY POINT, N.Y. 11778

— OPEN ALL WINTER —

Mon. - Sat. 9:30 AM - 5 PM, Sunday 9 AM - 2 PM

Bait • Tackle • Repairs • Custom Rods

Rod Building Supplies

Enquire for Limited Enrollment in our FREE

Winter Custom Rod Bldg. Classes



516-744-8330



ALL TACKLE DISTRIBUTORS

Wholesale
(Dealers Only)
Distributors
for:

TYCOON-FINOR • VIKING • PENN
SHIMANO • HELLY-HANSEN &
OTHER TOP BRANDS

DEER PARK, NEW YORK (516) 586-6160

SPORTSMAN'S CENTER

LIVE & FROZEN BAIT

Fishing Tackle • Fresh & Salt Water
Hunting & Fishing Licenses • Guns & Ammo

2844 Rt.112
Medford, N.Y. (516) 732-9886

SOUTH FORK

Although weather was beautiful over the weekend, not too many anglers were out. Thom Speckenbach heard of a few flounder caught in the Shinnecock Basket area however. **Speck's Bait and Tackle** will be open daily until Christmas for die-hard fishermen and Christmas shoppers.

Heard through the grapevine: flounder catches of up to 25 per trip in Three Mile Harbor; nice fish of 1 to 2 lbs. Quogue Canal (where buoy 7A used to be) westward to buoy 54 has predominately small fish. Incoming tide on sunny days producing best.

Bob Tangolics, fishing on the Movin' Man, berthed at **Sherry and Joe Corr's Best Boatworks** found ling and blackfish on the Panther Wreck on Sunday after bad seas cancelled a planned trip to the Coimbra. Bill Hichak, his son and crew, fished several potential flounder spots on Sunday and filled two 5 gallon buckets with flaties in Heady Creek late in the afternoon in less than two hours of fishing.



Al Balcus earned first place in the surf division of the Montauk Full Moon Bass Tournament with this 14 lb. striper. The contest was hosted by Montauk Marine Basin.

BABYLON

Brand New ★ Fast ★ 48' Charter Boat
40 Pass. Limit ★ Small Groups Accommodated

MOBY DICK

All Bay & Ocean Fishing • Days/Nights
Free Tackle, Bait, Ice & Parking
Capt. "Doc" Grell • 516-669-5845

MORTY

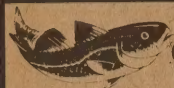
THE KNIFE MAN

— HAS MOVED TO —
60 OTIS ST. (UNIT C) W. BABYLON
(516) 491-5764

CAPTREE

6^{AM} WEEKDAYS CAPTREE BOAT BASIN

5 A.M. & 6 A.M.
WEEKENDS



FISHING FIRE ISLAND WRECKS

**CATCH CASH & COD — WEEKLY CASH PRIZES FOR HEAVIEST
COD CAUGHT ON THESE PARTY BOATS IN BIG DOCK POOL.**

\$\$\$

CAPTREE QUEEN II

(516) 669-1081
(516) 623-0983

SPEEDY VII

(516) 587-4054
(516) 661-1652

CAPT. SCOTTY 3

(516) MO-9-0627
(516) MO-9-2256

CAPT. JOSEPH II

(516) 544-0723

YANKEE III

(For Charter)
(516) 221-3300
(516) 798-4551

Sr. Citizen Rates • Clean Rest Rooms
Snack Bar • Tackle Available on all Boats

DIRECTIONS: Take Southern State Pkwy. to Exit 40 Robert Moses
Causeway, South five miles to the Captree Boat Basin Exit.

AND FOR GENERAL INFORMATION (516) 785-1600

78' OF FISHING COMFORT CAPT. JOSEPH II

BIG, FAST, CLEAN, COMFORTABLE BOAT

COD 6 AM DAILY ★ NOTICE ★

CHANGE OF SAILING TIME
TO 5 A.M., STARTING SAT., DEC. 14

HEATED CABIN • SNACK BAR *Official
Justinner
Field Tester*
SR. CIT. & CHILD. RATES
RESERV. ACCEPTED
Beginners & Families Welcome "Service is our middle name"

Located Center of Dock, Front of Concession Stand
CAPT. CHARLIE KENNEDY

Over 20 Years Experience Fishing Fire Island Wrecks

(516) 544-0723

FISHTALE

Newest Charter Boat At Captree

Now Booking '85 Season • Call For Free Brochure

- FAST, CLEAN, COMFORTABLE 65' TWIN DIESEL CHARTERBOAT
- LARGE, HEATED CABIN • GALLEY • 77 PASSENGER CAPACITY
- LATEST IN MODERN ELECTRONICS, INCLUDING LORAN, RADAR, FISH RECORDERS
- AND COLOR SCOPE FISHFINDERS • BAY OR OCEAN FISHING • DAY OR NIGHT FISHING
- AFTERNOON & MOONLIGHT SAILS — CHILDREN'S TRIPS

CAPT. T. SCOTT

(516) 669-5343 EVES.

(516) 226-8882 DAYS

MISS CAPTREE

JUMBO BLACKS & COD (Super
Blacks now)
8 A.M. - Fri., Sat. & Sun.

HEATED CABIN • LEFT SIDE OF DOCK
Capt. Carl Passero • (516) 226-3042

FISH IDENTIFICATION CHART

Shows 85 salt & fresh water species native to
our east coast. Lithographed in beautiful lifelike
color on heavy coated stock, 24" x 36". Suitable
for framing.

Send check or money order for \$9.95 + \$1.00
for postage and handling to:
P. Miller, 150 Babylon Tpke., Merrick, NY 11566

CHARTERBOAT • FULLY EQUIPPED
Up to
37 Pass. **BAY OR OCEAN**

PRIME TIME

Latest Fish Finding Electronics
Free Fishing Tackle, Bait & Ice

BOOK NOW FOR FALL Capt. Joe Diliberto
BLACKFISH & FLOUNDER **(516) 567-3286**

BAY OR OCEAN — FULL OR HALF DAY

AFTER GLOW

32' Sportsfisherman • 6 Pass. Limit

SHARK • TUNA • MARLIN

ALL BAIT, TACKLE, ICE FURNISHED, FULL ELEC.
Capt. "Bud" Miller Capt. Joe Dallao
(516) 587-3607 (516) 587-7270

COD — COD
SAILING ALL WINTER
YANKEE III
68' CHARTERBOAT
**FIRE ISLAND WRECKS
OPEN BOTTOM**

(516) 221-3300
(Days)

(516) 798-4551
(Eves. & Wknds.)

South Shore REPORT with Fred Golofaro

Rough seas hampered the efforts of ocean bound sinker bouncers on the weekend. Codfish fans had a tough time of it while blackfish fans fared only slightly better. There were some encouraging flounder reports from Moriches Bay but very little in the way of flatfish news from Great South Bay and environs. The most encouraging codfish news concerned the first showing of fish on open bottom. Also, for light tackle fans there was a small showing of white perch in some tidal creeks and some good trout action in the Connetquot's tidal reaches.

MORICHES BAY & INLET

Larry Dallaire of L & M Marineland in East Moriches reported a couple of good catches made from his station this week. One boat during the week did well with 1-2 pound class flaties fishing just north of buoys 27 and 29. On Friday, Al Dennis teamed with his dad Dan to take 35 big flounder (1-2 pounds) north of Buoy 31. The pair used bloodworms and heavy mussel chum. On Sunday, Larry had one boat sample Buoy 7A in the Quogue Canal. The anglers reported only postage stamp size fish which means that its still too early for the Canal as the bigger fish are still in the open bay. It may be a couple of weeks before the Canal fishing is worthwhile. Larry reminded that he will have boats available all winter long but suggested that anglers phone ahead to check on the current bait supply.

Capt. Ron and Linda Schleuter of the Moriches based Alma Fleet asked that we remind readers that they have

closed up shop for the season. They extend their thanks to all those who fished with them in '85 and wish all a happy holiday season.



Billy Finalborgo and Brian Magowan with blues they caught outside Shinnecock Inlet aboard their Uncle Vince's boat, Makai. Subscriber photo.

FREEPORT



STARSTREAM II

FREEPORT'S LARGEST & FASTEST 85' ALUMINUM SUPERCRISEUR
COD 5AM SAT. & SUN. ★ 5:30AM MON.-FRI.

Comfortable Lounge Seating • Large Heated Cabin • Snack Bar • Courteous, Efficient Crew
 "On Woodcleft Canal" • Capt. Richie Kessinger • (516) FR9-2753



FREEPORT'S NEWEST, LARGEST, MOST COMFORTABLE 90' SUPERCRISEUR

SUPER SPRAY II

Sr. Cit. Rates
Every Day

COD - 5 A.M. SATURDAY & SUNDAY ★ 5:30 A.M. WEEKDAYS

Sails from Freeport Boatmen's Ass'n Dock • 540 Guy Lombardo Avenue
 Full Galley • Group Rates • Heated Cabin • Heated Rails • Moonlight Sails

Capt. Dick Hall (516) 223-7418 • Capt. Jim (Nite Owl II) (516) 223-2507 • Dock Phone (516) 378-4838

FREEPORT BOATMEN'S ASSN.

540 GUY LOMBARDO AVE. ★ ESTABLISHED 1937

**COD &
BLACKFISH**

**18 CHARTER/OPEN
(516) 378-4838**

COD
6 A.M. DAILY



CHARTER BOATS AVAILABLE • LADIES DAY • TUES. & THURS. HALF FARE
 Senior Citizen Rates • Call for Group Rates • Free Bait

MISS FREEPORT II

(516) 221-1355



COD
6 A.M. DAILY

FREEPORT'S LARGEST
FISHING FLEET

CAPT. LOU FLEET

**2 BIG CLEAN
65' BOATS**

FLOUNDER DERBY - WIN BIG \$\$\$
FLOUNDER
TWO 1/2 DAY TRIPS DAILY!
8 A.M.-12P.M. • 1P.M.-5P.M.
Free Bait • Sr. Citizen Rates Weekdays

CAPT. MIKE DANON (516) 766-5716 □ (516) FR8-9598
 From Poop Deck on Woodcleft Canal, Freeport



FAST, COMFORTABLE • 60' ALL FIBERGLASS

"Lady J III"



Book Now! Cod & Blackfish!
 Twin Diesel • Bait & Tackle Included
(516) 825-5727

GREAT SOUTH BAY/ FIRE ISLAND INLET

From J & J Tackle in Patchogue, Paul Graniello reported another quiet week due to all of the cold and wind. He did receive some second hand reports of some decent flounder catches being made in Moriches Bay. Locally, just a few white perch beginning to show in the creeks and there was a 3 pound brown trout taken out of Swan Creek on the weekend.

Al Colban of J & R Sports Center in Oakdale knew of some nice size flounder taken off of Heckscher during the week. He also looked over a catch of 6 tommy cod and a dozen flounder made by one boatman in the State Channel near Cedar Beach. A few flounder also being taken in the vicinity of Buoy 2, East Islip. A few perch showed this week in the Connetquot along with some small tom cod and flounder. Use worms for all three. On the freshwater scene, some nice trout mixed with many small ones in Bubbles Falls on the Connet-

quot. On Wednesday, Lori Mutone checked in with a 1.8 pound rainbow. On Sunday, 13 year old Jason Plant connected with his first trout ever. The hefty rainbow weighed in at 2 pound 11 ounces.

Over at Captree, Capt. Carl Passaro of the open boat **Miss Captree** continues to work the Fire Island Ocean Reef for blackfish. Under good conditions on Thursday, a crew trip with 4 anglers resulted in over 200 blackfish to 8½ pounds. Difficult sea conditions on the weekend affected the fishing considerably according to Carl. He labelled Saturday's action as fair despite a big roll. Bob Pace led the way with 15 tog. Sunday was slow but did see several big blacks come over the rail under tough sea conditions.

Capt. Charlie Kennedy of the Captree open boat **Capt. Joseph II** spoke of a slow pick on cod on both Saturday and Sunday. Rough sea conditions made wreck fishing difficult both days. Saturday did see quite a few big blackfish come over the rail including 4 tog over 8 pounds. Far and away the most impressive blackfish was the one landed by 16 year old Patrick Maho of Bay Shore. It tipped

the scale at 13 pounds 4 ounces.

Capt. Speedy Hubert of the **Captree** open boat **Speedy VII** relayed word from skipper Nick Manzini that cod-fishing on both Saturday and Sunday was a tough pick due to rough sea conditions. Saturday saw only 7 or 8 cod come aboard while on Sunday, a dozen cod in addition to quite a few big blackfish were taken.

Over at **Augie's Tackle Shop** in **Babylon** Tom Healy reported that Bobby Schwartz has been putting in his share of time chasing flatties. On Thursday, he teamed with Gaspar Garaputo and Jack Uhland. The trio worked the State Channel just west of the Lindenhurst Cut chumming heavily with clam and mussel. They put away 35 keepers to 1¼ pounds and reported returning an equal number of smaller fish. Fishing alone on Sunday, Bob accounted for 12 keepers in the same area. Tom reported he is still getting some reports of good blackfishing on the Fire Island Ocean Reef as well as on some of the in-shore wrecks. He also had the first reports of open bottom cod taken in recent days by the private boats Narda, Angel Jean and Happy Hooker.

The Happy Hooker reported a total of 16 teen size cod taken in 90' of water SE of F.I. Inlet. A number of anglers gave white perch a try this weekend but nothing has developed in the local creeks as of yet.

Mike Andreani, speaking from **Lindenhurst Bait and Tackle** had nothing to report from the saltwater front but did know of some nice trout in the 12 to 16 inch range mixed with lots of little ones in Bubbles and Rattlesnake Creek on the Connetquot River.

Over at **Z Crab Tackle in Copiague** Chester Shew spoke of what may well be the largest common eel on record for these parts. He weighed a 12 pounder taken on an offshore wreck for Paul Griffin. He added that some cod are being picked on the wrecks and that he is still selling worms to flounder hopefuls though no one reported back with their results on the weekend.

From **Edelman's in Farmingdale**, Frank Pristera spoke of a couple of cod and lots of dogfish are being taken by private boatmen. Catches range from 0 to 5 cod per boat. The best news of the week concerned a crabber who reported taking a number of huge blue claws in Maryland traps at the Sore Thumb Pocket. No word on any flounder catches.

West End REPORT

with Stu Miller

On a scale of 1 to 10, we'd have to rate this week about a 3. Cod action was picky, though laced with a few brutes in the 40s. Flounder activity was anywhere from picky to only fair and this was mainly in Reynolds Channel. With very few private boats seeking flatties, however, it's difficult to assume that the fish aren't there. This will no doubt be a very late flounder season which will blossom as the water gets cold and we're all indoors in front of the fire. Bluefish are still around, though no one really seems to be showing interest in them at this late date.

WEST END BAYS/ JONE'S INLET

A call to **Causeway Bait and Tackle** in Wantagh gave us the info that the Jones Beach piers have been fairly good on flounder on incoming this past week on blood or sand worms. Mike said Wednesday through Friday was very good and while the numbers

ISLAND PARK

38' VIKING SPORTFISHERMAN

WET & WILD I

SUPER COMFORTABLE
1-6 PASS. • TWIN DIESEL

EXTENDED CANYON
TUNA • SWORD • SHARK

DAY & NITE
BLUEFISH

WET & WILD CHARTERS



• CUSTOM TACKLE FURNISHED • FREE BAIT • CHUM • ICE •

23' WALKAROUND CUDDY

WET & WILD II

FAST! 1-4 PASS.

NIGHT WEAKS & BLUES
MACKEREL • FLOUNDER

BLACKS • FLUKE

CAPT. FRANK FRANCIS

Days (516) 593-2294

Nights (516) 889-9218

SHEEPSHEAD BAY

SHEEPSHEAD BAY • PIER 1

ZEPHYR

Flounder!



7 A.M. DAILY

(Except Mondays)

FREE WORMS AND MUSSELS
FULL GALLEY • FAMILY ATMOSPHERE
SENIOR CITIZEN RATES

Capt. Butch (718) 743-8170 after 6 P.M.

LING & WHITING 6 AM DAILY

HELEN H

—ALSO—
FRI. & SAT.
NITES AT 5 P.M.
TO 11 P.M.

100' All Aluminum
Fast Supercruiser



Free Parking

Color TV • Restaurant

Capt. Joe Huck • 718-646-7032

HAVE SOMETHING TO SELL?
LET OUR CLASSIFIEDS DO IT FOR YOU!

weren't there, the fish that were caught were big, up to 1 3/4 lbs. Thirteen flounder was high hook one day during the week. Obviously there ARE fish to catch and there will be more as the water cools down further. One customer fished a wreck to the southeast during the week and with three anglers aboard they bagged 11 cod to 23 lbs. along with 75 doggies.

Over at **Garan's Tackle** in Merrick, just east of the Meadowbrook Parkway on Sunrise, comes customers' reports of fairly good flounder fishing in the western end of Reynolds. Gary also told of a few decent flattie reports from Merrick Bay and the mouth of Hudson Canal, all on worms. Sizes were mixed to 1 1/4 lbs.

Over in Freeport, a 42 lb. cod was hoisted Wednesday by Mr. Chapel. Fares had better results during the week than on the weekend when a big ground swell cut into the action.

We hear from the **Miss Freeport II** that fares have been picking a few cod on almost every wreck hit and that there is no shortage of dogfish. Pools have been in the 30 lb. class with most fish running 10 to 15 lbs.

Aboard the **Super Spray II** this week, Thursday was the best day of the week. Fish are running 12 to 15 lbs. with high hooks being 4 to 5 cod per trip. Pool fish have been hitting 30 lbs. on the scale.

Skipper Mike Dannon of the **Captain Lou Fleet** wants to thank you for attending his boat party Saturday night and hopes all had a good time.

The boat will be sailing up until Christmas. Still leading in the boat's flounder contest is John DeRosa, but leaders are there to be beaten. There's still time.



Frank Hay used a Super Strike Needlefish to take his first bass ever, a hefty 37 lber. from the Gilgo surf. Photo courtesy of Beckmann's Tackle in Lynbrook.

POINT LOOKOUT

CAPT. AL

★ 40 YRS. OF EXPERIENCE AT THE HELM ★
CAPT. AL LINDROTH
(516) 798-7905 ★ (516) MA3-2248
"CLOSEST PORT TO THE FISHING GROUNDS"

1st Boat to the Wrecks • No crowd too small



"Nothing's as strong & safe as steel"

SAILING FROM PT. LOOKOUT MARINA
Exit M10, Meadowbrook Pkwy., 1 Exit past Freeport

COD 4 A.M. SAT. & SUN.

5 A.M. WEEKDAYS

GROUP AND SENIOR CITIZEN RATES

If your last cod trip was a bust ... a trip on the Capt. Al is a must!

Captain Billy Lindroth of the charter boat **Bluefin II** fished both wrecks and open bottom, locating nearly a dozen cod for the Sheepshead Bay Tuna Club on Sunday. On the first drop, Pat Caruba hauled in a double header, however for the rest of the day, fishing was picky, with dogfish a problem on some wrecks. The pool was tied by Sal Cestaro (a writer for Angler News) and Harvey Minkoff from Orange, New Jersey, a cod rod builder with identical twenty pound fish. Club members who caught fish (cod) included Mel Goldman, trip arranger, Stuart Fries, and Lou. Everyone else specialized in dogfish. Young Jeremy Wallace fishing with his grandfather Bob was an inspiration to all with his perseverance despite untidy seas.

Over in Point Lookout, we learned from the **Captain Al** that Saturday saw over 40 cod taken with 4 cod being high hook. The 4 were taken by regular Roosevelt Rogers of Westbury fish to 33 lbs. On another trip Dan Vota of Ozone Park had a 43 lb. pool winner. Wednesday, Thursday and Friday high hooks ran 5 to 6 fish a trip with fish 15 lbs. and up. Sunday, the



Pat Fasano decked this 20 lb. blue white fishing near Coney Island. The huge slammer was weighed at Cross Bay Bait & Tackle in Howard Beach.

skipper said, was not too good.

News from **Beckmann's Tackle** in Lynbrook concerned flounder action in the western end of Reynolds all on mussels. Catches have been inconsistent with results being 3 fish, 50 fish, 6 fish for one flounder pounder customer fishing three different days during this past week. Best action has been the first 1½ hours of the ebb, and then it's deadsville.

NEW YORK BIGHT

To the west in Sheepshead Bay, Wee Willie at **Mike's Tackle** reports that the bluefish action is still very good at the Tin Can, all 3 to 5 lbs. on diamond jigs. Flounder activity, says Willie, has picked up in Jamaica Bay with fish ¾ to 1½ lbs. The Ambrose Tower area is holding a lot of ling but no whiting yet. Very good blackfish and sizes, too on all the Jersey wrecks and rocks.

The **Helen H** has switched to ling and whiting 6AM daily and is also sailing Friday and Saturday nights at 5PM.

Skipper Al Coley of the **Betty W. III** sailed his last bluefish trips Sunday, with fares having a slaughter catch of large bluefish with good by-catches of sea bass and blackfish.

Captain Butch of the **Zephyr** reported a slow Saturday's floundering due to Friday's weather. Sunday bounced back however, said Butch. Working Jamaica Bay fares had flounder from 1/2 to 2 lbs. with

regular Larry A putting away 23 good fish. Butch says there's been a definite improvement this past week in the flounder action.

North Shore REPORT

with Marty Garrell

Although Saturday may have been a bit breezy, no one could fault Sunday's clear skies and light to moderate winds. Angling reports were hard to come by with bait supplies dwindling and water temperatures now deep into the 40's.

WESTERN SOUND

Larry Ricci at **John's Gun** went through a flat of sandworms on Saturday and said that there were a few inquiries about green crabs as well. Flounder fishing extended from Mamaroneck to Rye. Bombers were the recommended lure for those who were catching and releasing striped bass after the close of the season on



Andrew Vicchio with his 9 lb. blackfish taken from the Larchmont Breakwater on a green crab. The big tog was weighed at John's Gun and Tackle in New Rochelle.



Ken Ingoglia caught this big blackfish on Kismet Reef in Great South Bay back in late October. It weighed 7½ lbs. at Causeway Bait and Tackle in Wantagh.



June Tomins caught these two big blues outside Mt. Sinai Harbor on September 22nd while bunker dunking aboard the family boat. Subscriber photo.

November 30th.

The Glen Cove Sport Shop was down to its last packages of frozen clams and clam necks.

The final report from the City Island party boat fleet came from the North Star. Pete Anderson had a few large fish from the Barge Wreck outside of Stamford in deep water to end the season. This was difficult fishing on strong tides.

NORTH SHORE MID-ISLAND

Huntington Prop had a few flounder reports from those who were stopping by to pick up packages of frozen clams. George Valentine at Four Winds spent most of the week selling Christmas trees and wreathes. However one order of 15 dozen green crabs came through on Sunday. Also

Captain's Courses

Captain's License

Classes now forming
in your area:

Freeport
516-623-7485
New Rochelle
914-738-3708
Secaucus
201-939-5604



OTHER AREAS:
1-800-535-8803

EXAM-PREP KITS
Now Available

Houston
Marine
Training
Services



STRIPED BASS BUCKLE

*SOLID METAL BELT BUCKLE
*ANTIQUE PEWTER FINISH
*LOOKS GREAT
*SATISFACTION GUARANTEED

\$6⁹⁵
SEND CK. OR M.O. TO
P. MILLER
150 BABYLON TPKE.
MERRICK, N.Y. 11566

on that day, Richie Schauer and John Alberta picked four tautog to eight pounds on the full tide near Eaton's. They reported that bass were stacked around the Obstruction Buoy and 11B for those who liked jigging and releasing small linesiders.

Mel Fleischmann at Greenlawn Sport Shop was still going strong with both worms and green crabs. "It's better to lose \$15 on bait than to disappoint our customers," said Fleischmann. There were flounder around Mill Dam and in the Northport harbors for those who persisted.

Tom Bowman at Bowman's in Northport was seeing Christmas shoppers but not anglers during the cold snap last week.

Ralph Davenport at Ralph's in Mount Sinai had some first-hand information from trips on Friday and Saturday. Fishing north of Buoy 9, Davenport scored Friday on tautog to 11 pounds in 80 feet of water. Saturday's fishing was tougher and fish were smaller. The station still has four boats in the water.

The Compleat Angler in Miller Place had worms as well as frozen clams, but the Rocky Point Fishing Stop was down to frozen bait now.

Anglers on the Port Jeff Ace fishing with Captains Joe and Roy Cash over the weekend, connected with fine

CAPTAIN'S COURSE

BOATMEN & FISHERMEN

EARN EXTRA INCOME BECOME A
CHARTER BOAT CAPTAIN

We specialize in professional, personalized instruction for obtaining Coast Guard Licenses to carry pass. for hire, 1 to 6, 7 or more & including 100 gross tons. My copyright 144 page manual included. Continuous classes. We are dedicated to your success. References on request.

We're The Best & We Have Proved It!

Your Choice of Tues., Wed., or Thurs. Eve.
\$180.⁰⁰ 7:30 P.M. to 10 P.M. - 9 weeks \$180.⁰⁰

* Absolutely No Other Charges *
CALL CAPT. IRV LEVINE "BIG RED" at:
(516)567-4181, Oakdale, or (516)589-8204

Home Study Course

Modern Mariners Manual-
New 1986 Edition

Used Exclusively my evening classes. Send \$30

to Capt. Irv Levine

Box 365, Oakdale, N.Y. 11769

CAPTAIN'S COURSE

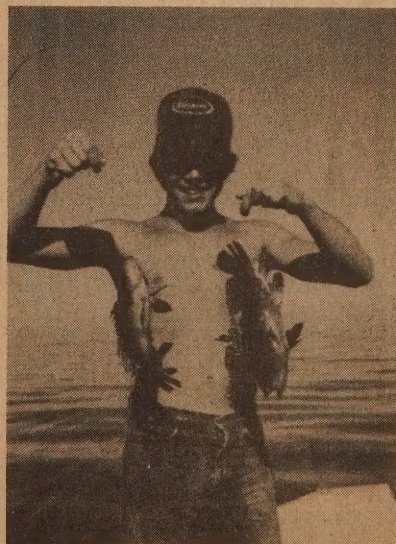
Designed and taught professionally to prepare you for obtaining your U.S.C.G. license to charter 1-6 & 7 or more passengers including 100 gross tons. This course is also invaluable to every serious boater who wants to improve his/her knowledge and skills.

- * \$180. FEE includes all prepared materials - No note-taking required!
- * Continuous classes, year round.
- * Observe one class, no obligation!
- * Special consideration to organizations and groups.

CAPTAIN V. LANGONE

(718) 229-6898 after 2:00 PM

blackfishing on Saturday morning, before the tide slacked. High hook, Lou Tinto and George Domino counted fifty fish in their cooler. Three generations of fishermen,



Philip DeMaria landed this double-header of sea bass off Port Jefferson back in September. Subscriber photo.

BOATING SUPPLIES & SERVICES



• BOAT LUMBER •

MAHOGANY • OAK • TEAK

• MARINE PLYWOOD •

FIR • MAHOGANY 4'x8' to 4'x20'

MARINE GLUES,
SEALANTS & FASTENINGS

**WOOD-PLY
LUMBER CORP.**
(516) FR-8-2612

100 Bennington Ave., FREEPORT, N.Y. 11520
(1/4 Mi. W. of Meadowbrook Pkwy., N. of Sunrise)

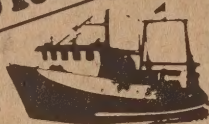
R.J. MALONEY AGENCY, INC.

(516) 938-9090

MARINE INSURANCE

COMMERCIAL DRAGGERS

PARTY BOATS CHARTER BOATS
333 JERICHO TPKE., JERICHO, N.Y. 11753



BOAT INSURANCE AND SURVEYS

PLEASURE & COMMERCIAL
HULL & LIABILITY

ISLAND WIDE AGENCY

Chris Mahlstedt (516) 331-5522
Rob Wells (516) 668-5570

MERCURY OUTBOARDS

SALES • SERVICE • PARTS
— SEACRAFT BOATS —
K&K OUTBOARD

Closed Mon. 9-5
3875 Long Beach Rd.
Island Pk., N.Y.
516-431-1865/68



★ MARINE SPECIALISTS ★ REBUILDING

Starters • Alternators • Carburetors
Rebuilt on Premises — Large Inventory
Same Day Service — Free Bench Check

Craftsman

268 Rt. 109, Farmingdale, NY
Across from Republic Airport — 516-752-1259

VENICE MARINA

BROOKLYN'S LARGEST MARINE SUPPLY STORE

All Charge Cards Accepted

(718) 646-2640

Belt Parkway, Westbound Exit 9
Sheepshead Bay, Brooklyn, NY

ROD BUILDING MATERIALS

MOLDS - LURE PARTS
all kinds



Hook, Rig & Jig tying supplies, Mylar, Surge
Tubing, Lead Heads, Jig Hooks, Umbrella Rig
Wire, Snatch Hooks, Spinner & Spoon Blades,
Thousands of blanks on hand Glass, Graphite,
Ugly Stiks and S Glass.

See us today or send for our FREE 64 page catalog

MIDLAND TACKLE CO.

66 Route 17 Sloatsburg, NY 10974
(914) 753-5440

BOAT BROKERAGE

QUALITY BOATS FOR THE DISCRIMINATE BUYER

1977 PORTSMOUTH YACHT - Diesel 24' Sailboat.
Excellent Condition. *24,500.
1985 PRIVATEER - 18' Bay Prowler (Brand New Model)
With 130 BMW FWC. Call For Price
1985 PRIVATEER - 21' 6" - 25" Transom Hard Top/Cabin
1980 CHRIS CRAFT - 21' Scorpion Total Reconditioned
188 Merc. 1/0 New Inst., New Canvas. *13,995.
1986 24' PRIVATEER, 9'1" Beam, Extended H/T
Volvo 1/0, Color Carolina Blue. Call for Price.

COME SEE GRADY-WHITE BOATS ALL NEW
249 Fisherman 24' C/C New for 1985

246 Offshore Pro 24' Cabin Hard Top New for 1985
★ NEW ★ 248G Offshore - Grady Drive for 1986

FALL CLEARANCE!! LOW INTEREST RATES!!

GRADY-WHITE - PRIVATEER - OMC - COX - TEENEE
SHORELINE - VOLVO - AUTHORIZED SALES & SERVICE
(Cross Over The Bridge & Save)



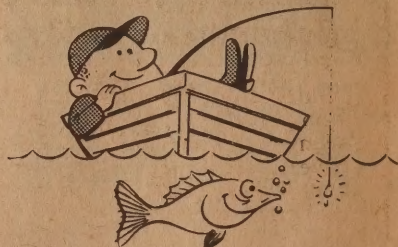
EDDIE'S MARINE SERVICE CORP.
210 Bch. 2 St., Lawrence, New York 11691
(718) 327-3168

represented by nine year old Brett Melillo, his father John and grandfather Lou, returned to Huntington Station with 25 blacks. Approximately half of the fish weighed over four pounds, the pool was 9½ pounds. Captain Cash will have greencrabs this weekend for the final blackfish trips of the season. Good fishing is expected to continue with strong weekend tides. Heavy tackle and sinkers is in order, since the boat is fishing deep water wrecks.

NORTH FORK

Ed Kopack at Warren's had only frozen bait. General feeling was that the Peconic Creeks could be good for flounder at times. Ace Cottrall at the Port of Egypt in Southold shared that sentiment, but reports confirming and good fishing were just not available. For the diehards the Port of Egypt still has some green crabs and frozen hermits.

Water temperature in the harbor at Orient was only 42 degrees, having dropped 10 degrees in 2 weeks. High tide came too late in the day to do the flounder fishing in the harbors much good and the flatties were strictly aquarium size during the weekend. A party of four anglers on the Obsession reported flounder off Plum Island on Saturday and also managed a haul of tautog to six pounds on hermit crabs on Sunday. Other pleasure crafts were not to be seen.



Surf REPORT

with Fred Golofaro

The closing of the striper season on November 30th, the conclusion of the New York Surf Fishing Contest and a dose of bitter cold weather combined to reduce surf reports from last week's feast to this week's famine. Though indications are that some fish are still moving along area beaches, this will conclude the Surf Report for the 1985 season.

Reports this week concerned mostly second hand information with very few specifics available. Mike Nicolet-

Join
the Ranks
of the
"Regulars"

SURF FISHING

WITH THE EXPERTS

Richard Reina • William A. Muller

Becoming a regular in the surf was once a long, tough road. Surf Fishing With The Experts has filled in most of the potholes and shortened the road considerably. Novice and veteran casters alike will benefit from all the expertise of today's best surf fishermen under one cover.

"Surf Fishing is fast becoming the sport for those who just don't have the cash that boat fishing seems to soak up." "...it (surf fishing book) covers just about all you need to know." "The book is easy reading, ...there are many chapters that cover the sport..."

Ken Moran, POST

"...Long Island's best surf fishermen have contributed chapters on techniques and places they know best."

Outdoor Writers Assoc. Of America

"(surf fishing)...it's a lot more exciting when you're catching fish. **Surf Fishing with the Experts** will help you."

Jerry Kenney, DAILY NEWS

SURF FISHING

WITH THE EXPERTS

Richard Reina • William A. Muller



Long Island Surf Fishing with Top Experts in the Field Today:
Fred Golofaro • Frank Daigault • Fred Schwab • Gerald Hahn
Andy Regina • Tom Fitzsimmons • John Fritz • Joyce Daigault
• Illustrated by Fred Guardmeier •

for only...

\$12.95

Please Allow 2-4 Weeks For Delivery.

"To help you cut down the odds and bring home more fish, there is an excellent, just published book... entitled **Surf Fishing with the Experts!**" "...gets down to the nitty-gritty of surf fishing."

Nick Karas, NEWSDAY

"Of particular interest to surf fishermen is ...**Surf Fishing with the Experts.**"

Nelson Bryant, NEW YORK TIMES

"This book will help put more fish on every surf fishermen's stringer. Just about everything a surf fisherman wants to know is presented interestingly and authoritatively."

Internation Game Fish Assoc.

Please send _____ copies of **Surf Fishing with the Experts**. Enclosed is my check/money order for \$12.95 plus \$2.25 (\$15.20 total) for sales tax, postage and handling for each book ordered.

Name _____

Address _____

City _____ State _____ Zip _____

Check or Money Order Payable to:

WAVECREST COMMUNICATIONS • POST OFFICE BOX 1994 • SAG HARBOR, NEW YORK 11963

BOATING SUPPLIES & SERVICES



Island Fish Net & Supply Co., Inc.
(516) 589-0749

142 RAILROAD AVE. SAYVILLE, N.Y. 11782

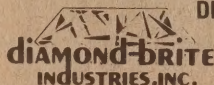
- Helly Hansen Foul Weather Gear • Viking Thermal Boots
- Woolrich Clothing • Thermal & Rubber Gloves • Rainfair
- Servus Boots & Waders • Larger Sizes • Dexter Knives
- Gill Nets • Bait & Dip Nets • Anchors • Rope of All Kinds
- Turnbuckles • Commercial Clam Rakes • Eel Pots
- Crab Traps • Marine Hardware • Brassware
- Cast Nets • Chains • Blocks • Stearn's Commercial Survival Jackets & Suits



Steve Faro with a cow striped taken on a needlefish at Montauk. Subscriber photo.

MARINE RESIN SYSTEMS

PROTECTIVE, DECORATIVE, WATERPROOF FINISHES FOR YOUR BOAT'S DECK, HULL (INSIDE & OUT), RAILINGS



251-A Skidmore Rd.,
Deer Park, N.Y. 11729
(516) 242-8883

EPOXY RESIN SYSTEMS Decorative, non-skid, especially for decks. Colors available. See our super decorative system, featuring decro chips, 100% solids, self leveling, moisture insensitive.

POLYESTER RESIN SYSTEMS For fiberglass repairs: gel coats, resin, mat, woven roving.

POLYURETHANE SYSTEMS Protective, decorative finishes that are highly chemical resistant. Maintenance free.

★ Available clear, colors, pints, quarts, gallon, bulk ★

ti, of Causeway Bait and Tackle in Wantagh provided the most in the way of specifics. His surf following reported a couple of short stripers at Robert Moses parking field 4 Tuesday morning. Also, three big blues taken on bait at Jones Beach parking field 6 on Wednesday. On Sunday morning, West End II produced a total of 2 blues along with a couple of short bass for those who brave the chill. One of those blues was a 15 pounder taken on bait by Leonard Maggioro. The angler also reported to Mike that he watched one angler fight a fish for 10 minutes before dropping it. Also on Sunday morning a couple of short bass were reported from Democrat Point.

From the grapevine, R.M. Field 4 was reported to be all browned up on Saturday while on Sunday, a dozen or so anglers took no fish. Reports of some bluefish taken along the Moriches shore during the week as well as fish working out of casting range on Thursday. And finally, rumors of a 40 pound bass released in the Gilgo area during the week.

Up on the North Shore, Stan Hentschel at Rocky Point Fishing Stop reported that wind kept most locals off area beaches. He does expect there will be good numbers of small bass through the rest of the month once the winds lay down. Small swimming plugs on light tackle can produce some fine catch and release action this time of the year.

Its also a safe bet that there will be fish to be caught along south shore beaches over the next couple of weeks with short stripers most likely to provide some action. For those still reluctant to hang up their rods, good luck. Thanks to all of those who contributed to the surf column this season and a happy holiday season to contributors and readers alike. See you in '86.

BOAT INSURANCE

LOW RATES!



Call For A Premium Quotation!

FRANK BRADFORD AGENCY, INC.

294 W. Merrick Rd., Freeport, N.Y.
(516) FR8-0908

CAPTAIN'S COVE MARINA

— A FULL SERVICE MARINA —

Mechanical Services Available All Winter

Wet Storage Available — Engines
Rebuilt & Repaired — Fiberglass & Wood Hull Repairs

Ask For Len Duffy, Mgr. (516) 668-5995
WEST LAKE DR., MONTAUK N.Y. 11954

EVINRUDE



SALES • SERVICE • PARTS

COMMACK HARBOR MARINE

351 Commack Rd., Commack, N.Y. 11725

(516) 499-5314

Open 6 Days

Closed Mon.

LIGHTHOUSE Marine Transport INC



Local & Interstate

Licensed & Insured

Professional, Personalized Service

29 Shore Dr. West, Copiague, N.Y. • (516) 842-7072

BUD'S MARINE SERVICE

—At World's Fair Marina—
Sales, Service, Parts • Mariner & Mercruiser
FACTORY TRAINED MECHANICS
FROM AN OIL CHANGE TO A REBUILD
(718) 507-6618

BOAT TRAILERS

★★★ FROM \$199.★★★
SAVE UP TO 50%

—Over 500 Trailer Hitches in Stock—
THRIFT MART MARINE • (516) 732-8608
701 Middle Country Road, Selden

SHANE'S MARINE HAS N.A. TAYLOR POLY WINTER COVERS AT 60% OFF Limited Quantities

Island Park, N.Y. • (516) 431-0399
Babylon, N.Y. • (516) 422-3300

BAYHEAD MARINA

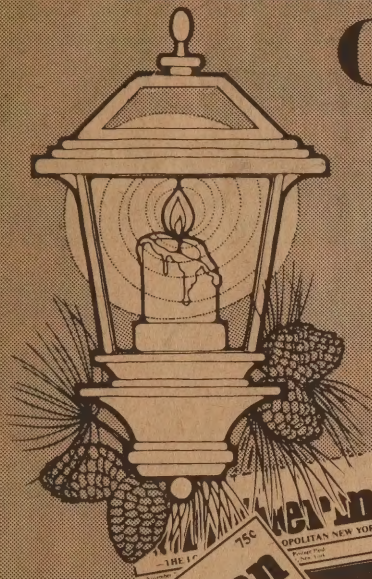
MARINER • MERCURUISER • VOLVO

PARTS • SALES • SERVICE
FACTORY CERTIFIED MECHANICS
DRYLAND STORAGE • WINTERIZATION

Located On The Queens/Nassau County Line

(718) 525-5724

A SEASON'S WORTH OF GIVING



When You Give A Christmas Gift Subscription To The Fisherman

Your friend or loved one will receive a certificate
notifying them of your gift and their first issue will
arrive shortly after the first of the year...
So act today!

All The News Of Fishing— All Year Long!

- Feature articles covering local Hotspots and the latest in tackle and techniques.
- Fishing reports that provide the most complete where, when and how info available to anglers in our area.
- Editorials and news updates that keep Fisherman readers informed on issues concerning fisheries management, fishing access, licensing and permits and more!



Use the blanks below for your own subscription or for giving gift subscriptions

SUBSCRIBE OR RENEW FOR YOURSELF

Name _____
Address _____
City _____ State _____ Zip _____

☐ 50 ISSUES\$17.50
☐ 100 ISSUES\$33.00

Check One: ☐ New ☐ Renewal

- ☐ Enclosed is my check or money order for the full amount.
☐ Please bill me later.
☐ Charge to my Visa or Mastercard.

☐ Visa# _____ Exp. Date _____
☐ Mastercard# _____ Exp. Date _____

Gift from: _____
Please send a gift subscription to the party below.

Name _____
Address _____
City _____ State _____ Zip _____

☐ 50 ISSUES\$17.50
☐ 100 ISSUES\$33.00

- ☐ Enclosed is my check or money order for the full amount.
☐ Please bill me later
☐ Charge to my Visa or Mastercard.

☐ Visa# _____ Exp. Date _____
☐ Mastercard# _____ Exp. Date _____

SEND CHECK
OR MONEY ORDER TO:



THE Fisherman

P.O.Box 1994,
Sag Harbor, New York
11963

High Tide Tables

How to use tide tables: To compute the high tide for the area you wish to fish, simply find the closest area on the conversion table. Add or subtract the hours and minutes as indicated from that area station above. Example: Shinnecock Inlet —0 50 is listed under "On SANDY HOOK." —0 50 means you subtract 50 minutes from the times given for the SANDY HOOK STATION for the day you are going fishing. This is the approximate time for the high tide in the area. For low tide, add 6½ hours to this figure.

DAY	SANDY HOOK		BREAKWATER HARBOR		NEW YORK		NEW LONDON		WILLETS POINT		BRIDGE-PORT		NEWPORT		DATE
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	
THURS.	7:35	8:00	8:20	8:45	8:10	8:40	9:00	9:35	11:00	11:45	10:55	11:30	7:30	7:55	12/12
FRI.	8:25	8:55	9:15	9:40	9:00	9:35	9:50	10:30	11:50	—	11:45	—	8:20	8:45	12/13
SAT.	9:15	9:45	10:05	10:35	9:55	10:35	10:40	11:25	12:40	12:45	12:20	12:35	9:10	9:40	12/14
SUN.	10:10	10:45	11:00	11:30	10:55	11:35	11:35	—	1:40	1:45	1:15	1:30	10:05	10:35	12/15
MON.	11:05	11:40	11:50	—	11:50	—	12:20	12:35	2:40	2:50	2:10	2:25	10:55	11:30	12/16
TUES.	11:55	—	12:30	12:45	12:30	12:40	1:20	1:35	3:40	4:00	3:05	3:25	11:55	—	12/17
WED.	12:35	12:50	1:25	1:45	1:20	1:35	2:25	2:35	4:45	5:10	4:00	4:25	12:25	12:50	12/18
THURS.	1:25	1:40	2:30	2:40	2:15	2:25	3:25	3:40	5:45	6:10	5:00	5:25	1:20	1:45	12/19

On Sandy Hook

STATEN ISLAND	+0 27
ATLANTIC HIGHLANDS	—0 01
Red Bank, Navesink River	+1 48
Long Branch	—0 34
SHARK RIVER INLET	—0 18
Shark River Basin	+0 27
MANASQUAN INLET	—0 12
Seaside Park	—0 33
Manoloking bridge	+5 34
TOMS RIVER	+4 37
Waretown	+2 33
BARNEGAT LIGHT	—0 20
Manahawkin Bridge	+2 33
Beach Haven	+1 47
LITTLE EGG INLET	—0 01
Seven Islands	+0 12
Graveling Point	+1 05
Mullica River	+1 55
Grassy Bay	+1 08
ABSECON INLET	+0 14
Atlantic City Pier	—0 26
Great Egg Harbor Inlet	+0 12
GREAT EGG HARBOR	+0 44
CORSON INLET	+0 09
TOWNSENDS INLET	+0 06
HEREFORD INLET	+0 02
Grassy Sound Bridge	+0 45
Cape May Harbor	—0 02
Rehobeth Beach	—0 07
INDIAN RIVER INLET	+0 41
SHINNECOCK INLET	—0 50
Shinnecock Bay	+1 25
East Quogue	+2 45
Shinnecock Canal	+1 18
Indian Reservation	+3 05
MORICHES INLET	—0 56
Smith's Point	+3 28
Hart's Cove	+1 30
Pontunk Point	+3 35
Mastic Beach	+3 28
FIRE ISLAND INLET	—0 38
Democrat Point	—0 38
Coast Guard Station	—0 19
Fire Island Light	+0 47
GREAT SOUTH BAY	
Sayville (Brown Creek)	+3 39
Heckscher State Park	+3 20
Bay Shore	+2 23
Babylon	+2 12
Amityville	+2 21
JONES INLET	—0 19
Zachs Bay	+1 25
Seaford Harbor	+2 05
Freeport Creek	+0 34
E. ROCKAWAY INLET	—0 06
Long Beach Bridge	+0 19
ROCKAWAY INLET	—0 00

Beach Channel Bridge	+0 38
J.F.K. Airport	+0 26

On Bridgeport

Lloyd Point	+0 08
Cold Spring Harbor	+0 08
Bayville Bridge	+0 13
Eatons Neck Point	+0 03
Northport Bay	+0 03
Norwalk Islands	+0 10
Smithtown Bay	+0 08
Cranes Neck Point	+0 05
Port Jefferson Hbr. entrance	+0 03
New Haven Harbor	+0 08
Mount Sinai Harbor	+0 05
Herod Point	—0 07
Mattituck Inlet	+0 05
Horton Point	—0 20
Truman Beach	—0 42
Falkner Island	—0 13
Sachem Head	—0 10
Branford Harbor	—0 07
New Haven Harbor entrance	—0 08
Millford Harbor	—0 07
Stratford, Housatonic River	+0 27
Shelton, Housatonic River	+1 36
Black Rock Harbor entrance	—0 03
Saugatuck River entrance	—0 01
South Norwalk	+0 10
Greens Ledge	—0 01
Stamford	+0 04
Cos Cob Harbor	+0 06
Greenwich	+0 02

On New London

Orient	+0 36
Little Gull Is. (Race)	+0 12
Greenport	+1 04
Southold	+1 43
New Suffolk	+2 26
South Jamesport	+2 32
Shinnecock Canal	+2 33
Noyack Bay	+2 05
Sag Harbor	+0 59
Three Mi. Hbr., Gardiners Bay	+0 21
Promised Land, Napeague Bay	—0 14
Montauk Inlet	—0 25
Montauk Point, north side	—1 13
Niantic	+1 20
Stonington, Fishers Is. Sound	—0 33
Noank, Mystic River ent.	—0 23
THAMES RIVER	
Smith Cove entrance	—0 01
Norwich	+0 12
CONNECTICUT RIVER	
Saybrook Jetty	+1 10

Lyme, highway bridge	+1 24
Essex	+1 38
East Haddam	+2 41
Higginnum Creek	+2 54

On Willets Point

Little Neck Bay	—0 10
Execution Light	—0 06
Manhasset Bay	—0 01
Hempstead Harbor	—0 11
City Island	—0 03
Rye Beach	—0 28
Port Chester	—0 09
Mamaroneck	—0 08
New Rochelle	—0 24
Dauids Island	—0 02

On Breakwater Harbor

CAPE MAY POINT	—0 10
Miami Beach	+0 17
East Pt., Maurice River Cove	+0 53
Egg Island Point	+0 33
Cape Henlopen	—0 05
ROOSEVELT INLET	+0 09
Mispillion River entrance	+0 33

On New York

Jersey City	+0 07
George Washington Bridge	+0 46
Spuyten Duyvil, W/R bridge	+0 58
Ossining	+1 53
Peekskill	+2 24
West Point	+3 16
Newburgh	+3 42

On Newport

Sakonnet	—1 10
Tiverton (between bridges)	+0 21
Beavertail Point	—0 02
Prudence Is., Sandy Point	+1 10
Bristol	+1 10
Warren	+0 21
Nayatt Point	+0 12
Pawtucket, Seekonk River	+0 21
East Greenwich	+0 16
Wickford	+0 12
Narragansett Pier	—0 08
Point Judith Hbr. of Refuge	—0 07
BLOCK ISLAND	
Great Salt Pond	+0 05
Block Island (Old Harbor)	—0 14
Watch Hill Point	+0 44

Sunrise/Sunset

DAY / DATE:	RISE:	SET:
THU. 12/12	7:19	4:29
FRI. 12/13	7:19	4:29
SAT. 12/14	7:20	4:29
SUN. 12/15	7:20	4:29
MON. 12/16	7:21	4:30
TUE. 12/17	7:22	4:30
WED. 12/18	7:22	4:30

Moonrise/Moonset

DAY / DATE:	RISE:	SET:
THU. 12/12	8:07AM	4:55PM
FRI. 12/13	9:13AM	6:03PM
SAT. 12/14	10:06AM	7:17PM
SUN. 12/15	10:47AM	8:31PM
MON. 12/16	11:19AM	9:42PM
TUE. 12/17	11:45AM	10:48PM
WED. 12/18	12:07AM	11:32PM

Moon Phases

NEW	1st Qtr.	FULL	Last Qtr.
			
12/12	12/19	12/27	12/5

The Original Knight SOLUNAR TABLES

The schedule of solunar periods below will help plan your day so that you will be fishing good areas during the time when the fish should be most active. The tables are not a guarantee you will catch fish, however.

The major periods begin at the time shown and last for 1½ to 2 hours thereafter, and are in the bold typeface. The minor periods are shorter in duration and the lighter typeface.

	AM		PM	
	Minor	Major	Minor	Major
Thurs.	4:40	10:50	5:00	11:25
Fri.	5:40	—	6:20	12:05
Sat.	6:50	12:40	7:25	1:10
Sun.	7:55	1:45	8:25	2:10
Mon.	8:50	2:40	9:30	3:05
Tues.	9:45	3:35	10:15	4:00
Wed.	10:35	4:25	11:00	4:45
Thurs.	11:20	5:10	11:40	5:30

The Fisherman's CLASSIFIED

Rates are 40 cents per word with a 15 word (\$6.00) minimum, subscriber rates (non-commercial) are 20 cents per word with a 15 word (\$3.00) minimum. Include the number off the subscription label. Discounts for extended runs: 12 times, 5%; 35 times, 10%; 50 times, 15%. Photo classifieds: Add \$15 per insert, subscribers add \$7.50 per insert.

Send classified ad exactly as you wish it to read along with check or money order to: The Fisherman, Post Office Box 1994, Sag Harbor, N.Y. 11963. Call (516) 725-4200 for further info, no phone orders accepted.

BOATS & MOTORS

1985 4 WINNS 23' Family Cruiser, 200 hp Mercruiser. Loaded w/extras. 11 hrs. old. Slip incl. \$18,995 terms avail. 516-924-0035.

STRIKER Canyon Runner 34', 1975. T555s. Etta Mae has all electronics & fishing equip. Days: 516-349-1700. Eves: 516-826-8370.



ONLY \$7695!

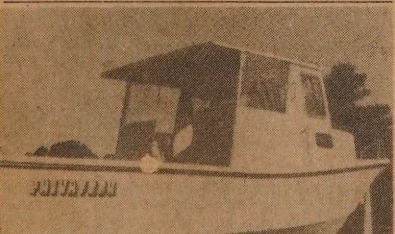
18' Steiger Craft, 75 hp Mercury elec. start. 21' model also avail. Commercial & pleasure models. MARINELAND: Mattituck, 516-298-4020. Long Beach, 516-889-5000.

81 ROBALO Sportfisherman 26' 5"X10' beam. V-bunks, galley w/sink, Icebox. Head w/sink & shower. Twin Mercruiser 1/Bs. Custom tower, hydraulic controls, outriggers, fighting chair. Loran, VHF, knotlog, fuel totalizer, seawater temp., Halon. \$44,900. 201-327-1123. Eves: 201-327-7180.

EVINRUDE

NEW 1984 EVINRUDES 1984

2-\$276; 4-\$450; 6-\$608; 8-\$708; 9.9-\$916; 15-\$1028; 25-\$1236; 35-\$1336; 40-\$1480; 50-\$1900; 60-\$2160; 70-\$2390; 90-\$2640; 115-\$2900; 120-\$3660; 140-\$3840; 150-\$3700; 175-\$4200; 235-\$4750; 275-\$7500. ELECTRA MARINE INC., 610 Merrick Rd., Lynbrook, NY 11563. Scott & McCulloch parts. FOB/H. WI. 516-599-3003. We ship anywhere. MERCURY OUTBOARDS. New 1984. Phone quotes. Full service shop.



24' PRIVATEER. Port of Egypt, Southold, 516-765-2445.

1980 25' BLUE HILL Marine 200 hp Diesel. Well equip. Cruise at 18 knots in Downeast style. Tower. SEA JAC, 516-728-4220/6627.

BAYHEAD MARINA BOAT SALES: Mariner, Mercruiser, Volvo. Performer & Mitchcraft boats. Factory auth. sales & service. Factory certified mechanics. 718-525-5724.

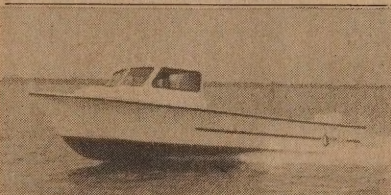
24' SLICKCRAFT '75, 235 OMC rebuilt engine to O.D. 8485. Cabin, bunks, stove, ref., canvas. CG Pkg. Compass, VHF, DF, Si-Tex recorder, bait well, SW wash. Must sell. Many extras. \$10,500. 516-868-4714.

30' ULRICHSEN Sportfisherman, 250 hp Chrysler, FWC, Flybridge, VHF, depthfinder. In water; to go. Bklyn. 718-DE 9-3054.

BAYHEAD MARINA: Mariner, Mercruiser, Volvo. Parts, Sales, Service. Factory certified mechanics. Help for the Do-It-Yourselfers. 718-525-5724.

IS IT TRUE you can buy boats for \$43 through the U.S. Government? Get the facts today! 312-742-1142, Ext. 7161.

1982 MARINER 15 hp Long shaft w/6 gal. tank. Like new cond. \$950. 516-473-7391.



C-HAWK Fiberglass commercial & pleasure boats Avail. 17'-25'. Prices start at \$2485. 25' cuddy, pictured, base price boat only \$10,200. Freight incl. Financing avail. Suzuki O/Bs. JENSEN MARINE, Copiague, 516-226-9739.

'85 SUZUKI CLEARANCE: 140-\$3995; 30 EL-\$1695; 15 M/S-\$1090; 9.9 M/S-\$995; 6 M/S-\$656; 2-\$295. All w/Prop, tank & freight incl. Special prices on all '86 motors. JENSEN MARINE, Copiague, 516-226-9739.

'82 MAKO 258 Cuddy, twin 150s, Loran, recorder, 200 gal. tank. Fighting chair, outriggers, gin pole. Too much to list. Must sell. \$27,500. 516-766-3838.

MERCURY

SPECIAL SALE: All 1985s must go! '86s at similar savings. Fast, expert Mercury service. O.S.M./GARY'S MARINE SERVICE, 516-223-0033.

USED PARTS

Large inventory, reconditioned Evinrude, Johnson, Mercury, OMC sterndrive. Lower units, housings, gears, blocks, starters, power packs, props. KELLY'S OUTBOARD WORLD INC., 516-567-3417.

1983 PRIVATEER 24' Cuddy family fisherman or work boat. Full electronics. Must sell. Too many extras to list. Mint cond. Eves: 914-237-6069.

WANTED: 22' Mako, 150 hp or more. With/without trailer. 516-334-3453.

BRAND NEW Grady White Tournament 190, Johnson 150 hp, Cox trailer CF2700G. Full electronics. Won in Arthur Smith's Bluefish Tourney. Must sell. Must split 5-ways. Best offer over \$15,000. 718-634-0282.



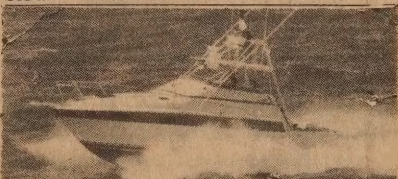
19' BARTENDER, Mainebuilt 1983, 40 hp Mariner. Good rough water fishing boat. Asking \$6500. Eves: 516-698-2326.

BAYHEAD MARINA: Mariner, Mercruiser, Volvo. Special! Rebuilt Mercruiser trim cylinder \$95. w/core. 718-525-5724.



SHAMROCK KEEL DRIVE 1/Bs 17', 20' & 26'. Rampage Sportfisherman 24'-28'-31' 1/B. SOUTH SHORE BOATS, 516-288-2400.

22.2 AQUASPORT FFP 200 Evinrude. VHF, CB, Si-Tex recorder. Dual batt. \$7500. Eves: 914-273-8394.



LUHRS 340—offers more standard features than any other Sportfisherman in her class, incl. the welded aluminum tower, compl. w/console. In stock. Also dealers for Sportcraft; IMP; OMC Sea Drive; OMC Stern Drive; Johnson; Mercruiser. SPELLMAN'S MARINE, 1708 No. Hwy, Southampton, NY 11968; 516-283-7907.

1984 17' PROLINE, center console. Rigged for fishing. 70 hp Yamaha, Shoreline galv. trailer. CG Pkg. \$8500. After 6PM: 516-589-6599.

WANTED: 18' Wood Skiff O/B. In restorable cond. Eves & Wknds: 516-671-6605.

Boat, Motor, Trailer Combo! All brand new Sportcraft 16' Sportsman, '86 50 hp Evinrude & Shoreline trailer. 3-yr. factory guar. on motor. ARGO BOAT CO., 718-527-9870.

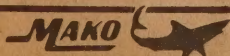
REGAL Regency 21 FF 1983 470 Mercruiser, 210 hrs. VHF, DF, dual batt. Full canvas. Winterized. Extras. \$15,500. 516-957-5904.

CHARTER BOAT—50'x15'x5' 5". Twin engines, cruise 20 knots. CG certified for 46 pass. & 2 crew. Full head room. Lower trunk & main cabin. Fishwells across back. Cedar over white oak. Monel fastened full 1 1/2" planing. 1 1/2" varmaho stern. Compl. overhauled & new paint. Best offer over \$60,000. Mike or Joe: 516-742-4343.

SEACRAFT 20' CC, 120hp, FWC, electronics, outriggers, downrigger, teak trim, Ritchie compass, galv. tandem trailer, pwr winch. \$5900. Days: 516-273-9200. Eves: 516-273-9349.

1979 30' TROJAN, 2 FWC engs. Flybridge, Bimini top. Sleeps 6. VHF radio, 2 DF, Loran C. Low hrs., etc. Must sell. New boat coming. Best offer over \$30,000. 718-625-3921/494-0015.

**Continued
On Next Page** ➡



★ WHOLESALE ★ RETAIL ★ EXPORT ★ WHOLESALE ★ RETAIL

AL GROVER'S MAKO BOATS • (516) 379-7100 — MAJESTIC MARINE



EGG HARBOR



FORMULA

USED GRADY WHITE BOATS

1982 G/W Bliml 22' cuddy, 200 hp, VHF, DF-\$17,500
1979 G/W 204C 20' Cuddy, 200 hp, 1979. VHF, DF, trailer-\$13,500
1975 G/W 204 Fisherman CC, 140 hp 1979-\$6455
1073 G/W Silgring 16', 85 hp Merc. 1977-\$3500.

USED PRIVATEER BOATS

1984 21' 6" CC, 125 hp Volvo I/O, VHF, DF, spray hood-\$13,70
1984 21' 6" CC, 125 hp Volvo I/O, EMS chase boat-\$11,995
1983 18' CC, 70 hp Johnson, VHF, DF. Excl. cond.-\$7550
1984 18' Closed Bow 70 hp 1985. Navy top. Brown acrylic bowrall-\$8450
1983 24' Privateer Ext. Hd top, 150 hp, 1983 Johnson Carolina Blue Hull-\$17,250

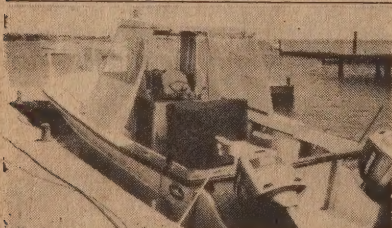
OTHER USED BOATS

1981 purchased new in 82 Chris Craft cutlass 22' cuddy 1984 engine, radar. Loaded. Mint-\$19,975
1977 Eastward Ho sailboat 24', Volvo diesel-\$24,500
1983 Glassport 17' B/R 140 Johnson 1984. Loaded-\$10,995
1982 Renken 21' cuddy 140 OMC I/O-\$8995
1979 Sea Ray 19' B/R V8 Merc I/O. Trailer-\$8500
1982 Sportcraft 17' CC, 90 hp 1984-\$7650
1974 Mako 19' CC, 115 Johnson 1980-\$6950
1983 Renken 19' 90 hp Chrysler O/B. Clean-\$6400
1981 Luger 21' Sailboat. 9.9 O/B, trailer-\$6500
1968 Cruisers 15' B/R, 65 hp 1973 Very clean-\$5995
1980 Galaxy 18' Mark IV, 120 hp Merc I/O-\$5900
1966 Starcraft 18' 100 hp 1979 trailer. Excl.-\$5900
1968 Customcraft 17' 60 hp Johnson 81. Loaded-\$5900
1979 Mark Twain 19' B/R, 200 hp OMC I/O-\$5000
1983 Dell Quay Dory 13' 83 35 hp Johnson. Canvas-\$4300
1974 Marquis 18' B/R, 140 Evin. 1977-\$3995
1963 Fleetcraft 17 1/2 60 hp 1984-\$3900
1968 Evinrude 18' B/R 120 OMC I/O, trailer-\$2500
1968 Commodore 15' CC, 35 hp 1979 Flip-flop seat-\$2500
1965 Chris Craft 15' B/R, 40 hp 1974-\$1895
Sea Nymph 15' Alum. 15 hp Johnson, 1979-\$1400
1968 Chris Craft 22' Cutlass 250 hp I/B, 150 hrs-\$2900
Lots more new & used boats avail. Cross over the bridge & save.
Lots more new & used boats avail. Cross over the bridge & save.



EDDIE'S MARINE SERVICE CORP., 210 Bch. 2nd St., Lawrence, NY 11691; 718-327-3168.

1984 SHAMROCK Pilot House 20'. Canvas; 150 hrs. Loran X-15, VHF radio, CB. Must sell. Bought larger boat. 516-567-2973/2206.



DUSKY 26' wide body 1983 Twin 235s. Tuna door, T-Top, encl. V-900 color, 1350 WL, Loran, digital, Dytek. Life raft, winch, full chair, tackle locker 400 gal. fuel. Bristol cond. \$42,000. 203-434-8629.

RENKEN 80 17' Bowrider, 120 FWC Volvo, w/ Galv. trailer, P/Winch, DF, CB, compass. Garage kept. Mint. 16700. 516-795-4269.

1956 40' MAINE Built Sportfisherman, twin 471 diesels. Documented. Tuna tower, 3 fight chairs, radar, Loran, paper recorder, VHF. Fishing equip.-shark rigs, etc. Built-in color TV, stereo. Canyon capable. Quick sale. \$15,000. Recent survey. 957-2657.

29 TOPAZ 1985, twin Volvo TAMD40B diesels, FWC, AM/FM cassette stereo, batt. charger, bow pulpit, cabin fan, compass, Halon, Y-valve head w/shower, radio box, refrig., washdown, tower lights, T/T, tower w/controls, wipers, canvas encl., tower cover, custom tackle lockers/cabinet seats w/cushions, C-Master V, Horizon int VHF, Lowrance X-16, Si-Tex T100 radar. Dytek temp, Lowrance 3200 digital, Epirb, Micron bottom paint. ATLANTIC SPORT FISHING, Pt. Pleasant, 201-899-1800.

1981 28 Bertram FB, TMD 40
1989 31 Bertram, Sportfish
1966 31 Bertram Bahia Mar
1976 31 Bertram FB. Great shape
1962 31 Bertram Express Cruiser
1971 42 Hatteras 1981 VT903 Fish equip.
SEA JAC, 728-4220/6627.

1983 SPORTCRAFT 22.4' Walkaround cuddy cabin. Evinrude 175 hp w/SS Prop & spare, 15 hp kicker. Dual batt.-new late '83. Fully equip for bay to offshore fishing for sharks, bluefish, school tuna. All engine instrumentation. Loran C, VHF, Lowrance X-15, digital depthmeter. Penn swivel downriggers, Bennett T/T. Full canvas; CG safety equip. Anchor line, 50# BG tackle & lures/rigs. Outriggers, flying gaff, pro tail rop. Porta-Potti; 5" TV. Portable fishing chair. Sleeps max. 2 adults & 1 child. Great weekend home away from home! Boat in Freeport. High & dry paid for till 4/86. Lost job; must sell! \$18,500. 201-326-9662.

EVINRUDE

WE'LL BEAT ANY DEALER'S advertised price—and service it, too! AL GROVER'S, Freeport, 516-378-0510.



1981 32'X10 1/2' DOWN EAST-Haul 1" mahogany plank 5/4"X2" 8" OC ribbing, 6V53N. Less than 700 hrs. VHF, 2 fish finders, North Star 800, Loran, Interphase to Robertson auto pilot, 2000 lb. insulated fish box. Excl. 6-man charter boat, etc. Boat A-1 cond. \$36,000 Firm. 914-738-1249. After 6PM.

1979 25' BLACKFIN, twin Volvo diesels, w/tower. Full electronics. Mint! \$39,000. 516-378-5072.



24' RAMPAGE Tournament, full Pipe Welders tower, VHF, chart recorder, Volvo 260 I/B. This boat is loaded & ready for serious fishing. Many other RAMPAGES in stock. NORTHROP YACHT SALES, 203-226-1915.

1982 SHAMROCK Pilot House, 20' Camper canvas, 302 Pleasurecraft, 160 hrs. T/T, new Loran, new VHF, digital DF & much more. 516-727-1113/2511. Bruce.

USED 671n GM Diesel. Compl. w/Allison 1.5:1 gear. MONTAUK MARINE BASIN INC., 516-668-5900.

1972 22.2 AQUASPORT CC. Yard maintained. Electronic box plus many extras. Need engine. \$3000. Eves: 718-531-3464.

One pr. Chris Craft engines 327 Q, motors approx. 1100 hrs. Run like clocks. Incl. 2 1/2 to 1 Paragon clutches & mechanical tachometers. Compl. FWC, heavy duty cast iron pans, etc. Asking \$2000 for both. POLYCHRON MARINA, 914-632-4088. Ask for Brett or Leroy.

31' BERTRAM

1980 Twin Diesel 400 hrs. Radar, Loran, VHF, recorder. Digital depth, temperature, T/T. Constable, speed log, washdown. Outriggers, gin pole, 2 Pompanette chairs. Replacement \$150,000. Save thousands. Very clean. 516-242-3642.

27' PHOENIX 1980 225 Chrysler engines. Tower. Loaded offshore fishing machine. Priced to sell. Days: 212-246-4074. Nites: 516-997-7438.

17' SWAMPSCOTT Power Dory, Maine Built 1984. Never used. Best offer over \$1000. Eves: 698-2326.

21' WINNER Viscount '73, 120 Mercruiser I/O, cuddy. New canvas; just overhauled. Asking \$5788. 516-249-0107.

1973 MARLIN, Aluminum trailer. Full mooring cover. Excl. cond. \$2500. 516-277-5185.

All 1985 EVINRUDES—Sale prices w/extended warranties. MARINELAND, Long Beach, 516-889-5000.

REGAL 1984 20' Empress 200 XL, cuddy. Sleeps 4. 228 Mercruiser. Loaded; immaculate. 516-481-5579.

GARCIA Recorder Fish Finder. Compl. w/transducer. Very good. Will Demo. \$125. 781-3939.

BOATING EQUIP.

2 POMPANETTE Fighting chairs w/footrests. \$500 ea. Both in excl. cond. 516-795-6645.

RADAR, Loran, autopilots, VHF, SSB, fish recorders. Sales & service most major brands. Custom installations. MARITIME COMMUNICATIONS INC., 377 Woodcleft Av, Freeport, NY; 516-623-4421.

MERCULES 6 cy. Diesel & Gears. Running cond. Recently bench tested. Will trade for fishing gear or \$650. Bill: 516-567-4104/668-3509.

PROPELLERS-3. Nichrome 16/17. Completely reconditions. 1-1/8" shaft. Fits 28 Bertram. \$300. 516-746-2508. Larry.

BOAT TRAILERS FOR RENT: Single & Tandem Axle. Daily, weekly, monthly rates. Temporary & permanent hitches for sale or rent. BARN TRAILER SERVICE, 57-05 B'Way, Woodside, NY. 718-426-7039.

BOAT TRAILERS: EZ Loader. All sizes in stock. Immediate Del. Priced right. Trailer Hitches installed. SEAHORSE TRAILER, Glen Head, NY. 516-676-5343.

TRAILER HITCHES—The most complete Draw-Tite line of Class I & II hitches in stock on Long Island. Sales, installations & service. TOM CASH WELDING, Lake Ronkonkoma. 516-JU 8-6143.

VHF, Regency Polaris Model NC7200 w/direction finder. Used 1 season. \$550. S.S. B, Seatron Model SSB100-\$300. 9-5: 516-379-6700.

COMPASSES—COMPASSES—COMPASSES Remember, if it has anything to do with compasses at all, give me a call! Huge inventory of Ritchie compasses. Expert installation & adjustment. Authorized repair service. I also carry a complete line of binoculars, sextants, clocks, barometers. JENS JACOBS NAUTICAL SERVICE, 516-757-7169.

VHF/FM radio, Horizon Ltd. Model 861S. 24 channel; 8" Shakespeare antenna. Extra rail mount. Like new-\$150. 516-223-0676.

BOAT TRAILER REPAIR. Complete w/all new galvanized parts. FAZIO MFG., INC., 1121-16 Lincoln Av, Holbrook, NY 11741. 516-563-2263.

CUSTOM MARINE WOODWORK. No job too small—tackle lockers, instrument enclosures, consoles, bow pulpits, etc. Interior & exterior repairs & restorations. CUSTOM MARINE CARPENTRY, 516-623-1639.

SI-TEX RECORDER Fish Finder Model HE-30. Almost new. Original carton. No transducer. \$125. 266-3697 or 349-2810. Mr. Schwartz.

FISHING TACKLE

ATT: LEFTYS!! New & used Penn left-hand conventional reels for sale. Bob, Eves: 516-454-8149.

HELP—have too many bass plugs. Must sell 21 7" minnow swimmers: 2 Rapalas, 2 Rebels, 3 1-oz. Redfins, 3 2-oz. Redfins, 11 Bomber Long As. Some never used. All in good cond. with 2/0 or 3/0 trebles. Will sell whole lot only for \$60.50. Replacement cost over \$100. Can ship UPS. 203-572-0564.

MUSTAD HOOKS & Other Fine Tackle at sensible prices. Free catalog. TERMINAL TACKLE CO., Box 427, Kings Park, NY 11754.

KUSTOM KRAFT RODS. Order now for Xmas. Bluefish/weakfish rods a specialty. Repairs. Eves: 421-1337.

VERY EXPENSIVE—Very Expensive—Very Expensive. Edelman's is NOT very expensive. See ad on Page 2.

FOR SALE

1 Penn Internat'l 130H w/custom bent butt rod-\$900; 1 Penn Internat'l 80W w/custom bent butt rod-\$750; 1 Fin-Nor light 50 lb. reel w/custom straight butt, 80 lb. rod-\$500; 1 Penn Internat'l 12 reel-\$175; 4 Fin-Nor light 50 lb. reels-\$275 ea.; 1 Fin-Nor light 30 lb. reel-\$250. All equip. in top cond., under warranty & in original boxes. Most purchased new in '85. 516-354-2674.

DALE CLEMENS Custom Rod Bldg. Supplies exclusively at LINDENHURST BAIT & TACKLE. Extra 10% discount w/Ad. 226-9030.

MOLDED ROD WINDING "Vee Blocks" High impact material, will not scratch any rod blank. Clearance for largest guide; fine enough for the smallest. Set of 2 w/instructions & mounting hardware. Free bonus—tension device hardware. \$10 prepaid check or M.O.: R.A.F. TRADING CORP., 101 Albany Av, Dept. F, Freeport, New York 11520.

DEADLY FLOUNDER RIGS

Tangle-free, tandem tied w/special stand-off knot. Used by sharpies. Sprout hooks for more hook-ups. 3/\$3.75 inc. p/h. BILL SMITH, 159 Vermont Ave., Bay Shore, NY 11706.

MISCELLANEOUS

LIVE BAIT EELS

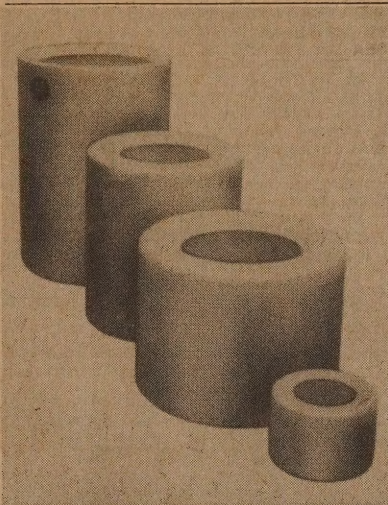
Available to retailers & fishermen at wholesale prices. \$1 per lb., 10 lb. minimum. Stock up now. 516-581-3563.



NORTH SHORE TRAP CO., St. James, NY. 516-584-6870. Vinyl coated lobster, crab, eel traps and all lobstering equip.

DEER BUTCHERING

Legal game heads for sale. INWOOD TAXIDERM, 20 Madison Ave., Inwood, NY 11696; 516-239-7716.



LIVE BAIT WELLS, pumps & accessories. For free brochure, send \$.25 p/h. THE CADDY CO., 57 Bayonne Av, Dept. E, Central Islip, NY 11722; 516-234-0144.

Do you like codfishing in New England? Then The Fisherman has a book for you. "Codfishing in New England," with 16 chapters, covers both inshore & offshore, from Block Isl. to Kennebunkport, MA. Price \$4 + \$.65 for postage. Ct. Res. add \$.25 tax. Send check or M.O. to: THE FISHERMAN, P.O. Box 211, 2 Denison Av, Mystic, CT 06355 TFN

WELDING, Aluminum, stainless, casting, repairs. Custom T-Tops, towers, radar-arches, railings. 516-581-4205/589-3719.

WINTER STORAGE

Up to 28'. Winterizations. Mercruiser, OMC. Parts; service. Authorized Volvo Penta dealer. HARBOR MARINE CORP., Copague. 789-8789.

WANTED: Reliable netter to supply me with freshly caught sand eels & shiners. 281-4159. Delivered Suffolk area.

BAYHEAD MARINA: Winter storage, boats & motors. All winter services avail. Factory certified mechanics. 718-525-5724.

HOUSE PAINTING: Interior & Exterior by Jack "The Painter" Murray. Let us paint while you fish. 516-273-0960.

LICENSE PLATE FRAME says it for you. "I'd Rather Be Fishing." Non-rusting, hi-impact, black polystyrene w/raised white letters. 1-\$4.95; 2-\$8.95 + \$1 p/h. Send ck or M.O. to: P. MILLER, 150 Babylon Tpke, Merrick, NY 11566. Satisfaction guaranteed.

GOVERNMENT JOBS \$16,040-\$59,230/Yr. Now hiring. 805-687-6000, Ext. R-3617 for current Federal list.

DO YOU like codfishing in New England? Then The Fisherman has a book for you. "Codfishing in New England" w/16 chap., covers both inshore & offshore, from Block Isl. to Kennebunkport, MA. Price \$4 + \$.65 post. CT Res add \$.25 tax. Send check or M.O. to: THE FISHERMAN, P.O. Box 211, 2 Denison Av, Mystic, CT 06355.

MERCUISER ENGINES & Sterndrives repaired, overhauled & winterized. Rebuilt outdrives for sale. HIGHLAND MARINE, 516-587-7567.

FULLY LICENSED CAPTAIN—water deliveries, boat/navigation instruction; charters & trips. 516-795-4498.

REAL ESTATE

RENTAL—Florida. Key Largo waterfront 2BR house/ac. Close to Pennekamp Coral Reef Park. Swimming, snorkeling, backcountry & ocean fishing. Week, monthly. After 5PM: 914-356-4297.

GETAWAY to MONTAUK: Magnificent ocean-view apartment. Sleeps 6. Kitchenette, pool, maid service. Week; month; season. Pam: 516-543-3232.

BEACH BUGGIES

1972 GMC 3/4 ton Truck, 4WD, 1972 Mobile Traveler slide-in camper. Sleeps 6. Refrig, 3-burner stove & oven. Shower; self-contained toilet. Extra storage. Low 60,000 miles; 350 engine. 4 speed transmission; 8 cyl. Rigged for fishing. \$5500. 516-546-0299/277-4472.

—CLASSIFIED ORDER FORM—

COPY: (Please Print)

CLASSIFIED RATES: Subscribers—20 cents per word with a 15 word (\$3.00 minimum. Non-Subscribers—40 cents per word with a 15 word (\$6.00) minimum. Count phone number as one word.

Send with Check or Money Order to:

THE FISHERMAN • POST OFFICE BOX 1994 • SAG HARBOR, N.Y. 11963



Shane's Marine HOLIDAY SALE

Sale good thru
January 18, 1986

★ ISLAND PARK ★
(Between Oceanside & Long Beach)
4365 Austin Blvd., Island Park, N.Y. 11558
(516) 431-0399



★ BABYLON ★
(Montauk Highway)
260 E. Main Street, Babylon, N.Y. 11702
(516) 422-3300



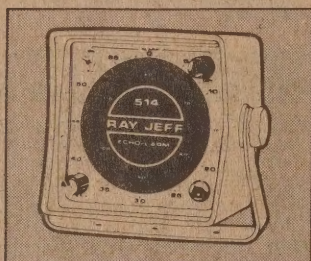
Stores closed Dec. 26 - Jan. 3

SHANE'S MARINE
GIFT CERTIFICATES
AVAILABLE

HERE'S JUST A FEW OF OUR "SANTASTIC SAVINGS"!

RAY JEFFERSON

BETTER THAN **50% OFF**
THE RAY JEFFERSON "514"
Dual Range Flasher with Alarm

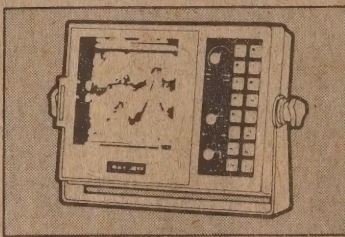


Reads either 0-60' or 0-120' with an audible alarm that can be set anywhere between 3 feet and 59 feet. The dial is calibrated in one foot increments for precise reading of exact depth. Features high intensity, sharp LED flasher for easy day or night reading. Easily removed for storage and safe keeping. Complete with transom mount transducer.

List \$219.95
Holiday Sale \$99.95

RAY JEFFERSON "MX-2500" MICROPROCESSOR

4 Inch Cartridge Load Recorder
AT AN UNBELIEVABLE
57% OFF!



This high quality 4 inch white line, straight line chart recorder is our best value on a paper machine. With over 150,000 depth combinations available down to 2500 ft. Zoom feature allows for expanded 10 ft. increment views. On command the MX-2500 prints grid lines & depth directly on paper. Distinguishes objects as small as bait fish, weeds and underwater obstacles. Designer case is water resistant, and cartridge load makes for easy change of paper. Complete with 200 KHz transom mount transducer.

List \$699.95
Holiday Sale \$299.95



SI-TEX EZ-7 THE FISHERMAN'S LORAN

AT THIS SHANE'S PRICE
EVERYONE CAN OWN ONE!

Easily the most compact and simplest operating Loran in the world! 9 waypoint memory. Audible proximity alarm. Positions displayed in both T.D.'s or Lat/Lon. Built in ComPuNav course computer provides cross track error, time, distance and bearing to go. Pre set notch, filters and antenna coupler standard.

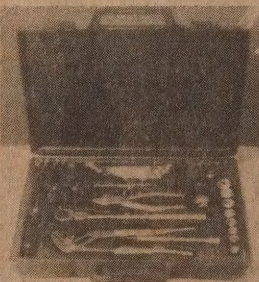
List \$777.00
Holiday Sale \$499.95

FAMOUS HELLY HANSEN "VIKING" INSULATED BOOTS



The commercial fisherman's boot seen on docks and decks world-wide. Each heavy duty boot is made of natural rubber with comfortable fleece linings. They feature non-skid soles and extra rubber reinforcement. Boot is 16" high and available in sizes 7-13.

Holiday Sale \$33.99



A Gift No Boat Owner Should
Be Without...

41 PIECE MARINE TOOL KIT

41 of the most important SAE tools you will ever need, all housed in a compact molded carrying case. Kit includes sixteen sockets, flexible ratchet, 6 1/2" linesman pliers, spark plug socket, 1/4" drive speed handle, drive adapter, six open and box end wrenches, eight hex wrenches, three screw drivers and a 9 1/2" groove joint to stow and ready to go.

List \$49.95
Holiday Sale \$29.95



HELLY-HANSEN FOUL WEATHER GEAR

The commercial and serious sport-fisherman's foul weather gear. **Guaranteed 100% waterproof!** All temperature flexible, abrasion, resistant, non-aging, resistant to oil and most chemicals. Generous and stylish cut assures form-fitting and full freedom of action. Specially ventilated to avoid condensation. Hooded jacket and bib style trousers, both machine washable. Colors: Yellow or Green. Sizes: S, M, L, XL.

FULL SUIT SALE \$69.95

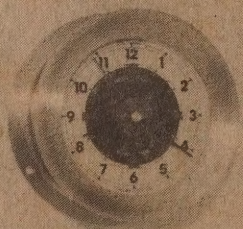


SPERRY TOP SIDER TS-50 50% OFF

AN AMAZING SHANE'S MARINE
HOLIDAY SAVINGS!

This shoe is quickly becoming the most sought after boat shoe on the market. The Sperry TS-50 combines wavy sills, drainage grooves and small "islands" cut to grip independently. That design makes the sole grab and hold a wet deck even better than the Top Sider original. Foam inserts and medial heel extension provides shock absorption and arch support. The Sperry TS-50 is the biggest step in boat shoes in 50 yrs.

List \$70.00
Holiday Sale \$35.00



CHELSEA'S "BOSTON" TIDE-TELLER CLOCK

A truly handsome polished brass combination tide-time clock with an eye catching red, white and blue face. 4 1/2" dial tells time of high and low tides and standard time.

List \$199.00
Holiday Sale \$139.95



THE WEATHER/ ALERT RADIO THE PERFECT GIFT FOR EVERY FISHERMAN

Now have instant and continuous National Weather Service broadcasts at your fingertips. Great for home, boat or office providing you with the up-to-date broadcasts from as far away as 40 miles. Powered by a 9 volt battery (not included), switch selectable for all 3 weather channels.

List \$34.95
Holiday Sale \$22.50